

Rock Products

DEVOTED TO THE PRODUCTION
OF ROCK AND ITS PRODUCTS

Vol. V. No. 11.

LOUISVILLE, KY., MAY 5, 1906.

STONE EDITION

VULCAN CHILLED SHOT

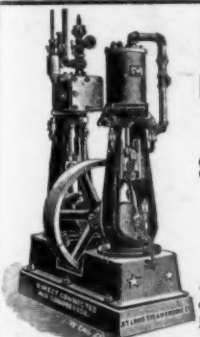
FOR
Rapid Rubbing, Sawing,
and Turning Granite,
Marble, Slate, Onyx,
Hard and Soft Stones

VULCAN CHILLED SHOT

MANUFACTURED BY
VULCAN GRIT WORKS - ZANESVILLE, OHIO
C. H. JONES, QUINCY, MASS. New England Agent.

VULCAN CHILLED SHOT

IS
A Superior Article. Let
Us Prove It. Write Us
Now For Samples and
Prices " " " " " "



STAR AIR COMPRESSOR

Manufactured by
St. Louis Steam
Engine Co.
15 S. Commercial St.
ST. LOUIS, MO.

Write for catalogue
especially for the retail
Monument trade.



MICHAEL COHEN, St. James Building, Broadway and 26th St.,
NEW YORK CITY.

"DUGAN'S INVISIBLE PATCHER,"

For patching all kinds of Limestones,
For repairing marble, granite, sandstones, etc.,
"MEYER'S GERMAN CEMENT AND LIQUID."
Directions for using with every can.

Stock constantly on hand. There are no better materials on the market. "Nash's Cubing Book."

Wardwell Electric and Steam Stone Channellers

FOR OVER 40 YEARS "WARDWELL'S"
HAVE STOOD FOR ECONOMICAL QUARRYING

GADDERS, STEAM DRILLS, BLOCK WAGONS, DERRICKS, WIRE ROPE,

QUARRY EQUIPMENT OF ALL KINDS.

STEAM STONE CUTTER COMPANY, " " "

RUTLAND, VERMONT.

We're after you. Wire for space.

PULSOMETER STEAM PUMPS

SEE ADV. PAGE 9

ROCK PRODUCTS is read every-
where, ask your salesman if you don't
believe it.

Green River Stone

THE STONE THAT GETS WHITE.

CADEN STONE CO., OFFICE AND YARDS,
411 to 425 E. Ohio St., Evansville, Ind.

Blocks Sawed, Planed and
Cut Stone for Building and
Monumental Purposes.
Send Plans for Estimates in
all kinds of Stone.

Let Us Help You.

OUR WANTED AND FOR SALE COLUMNS DO MORE BUSINESS THAN THE STOCK EXCHANGE.

*# Lincoln
Quality
is HONEST Quality*

The stone saw
for the
profit - want
is the

Let us quote you on
the gang saw you
want--or any machine
for working stone.
Write for Catalog K
---or state your needs.

The Colusa
people, way off
in California,
talk like this:—

"The strength, wear, and
capacity of Lincoln planers are
all we can desire. In fact, we did
not know what solid comfort was
until we got your machines."

Stone-Working Machinery
built for speed *and* precision---
you can buy less for less, but
never so much for *the* money

LINCOLN-MERRIMAN CENTER-CRANK GANG

† Heaviest gang built---20,000
pounds with steel frame, 24,000
with timber frame. † 72-inch
balance wheel weighs 2,000
pounds. † Never knew our

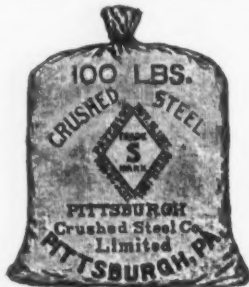
center-draw crankshaft to break.
† Whole saw built for service,
speed, easy running---screwfeed
assures accurate cut and no
racking nor waste power.

LINCOLN IRON WORKS
RUTLAND VERMONT

PITTSBURGH CRUSHED STEEL CO., Ltd.

PITTSBURGH, PA., U. S. A.
Patentees and Sole Manufacturers of

Diamond
Crushed
Steel



Diamond
Steel
Emery

Angular in shape, made from high-grade Crucible Steel. Tough
and lasting. Saws, Rubs, Grinds, Polishes Granite, Stone, Marble,
Brick, etc. Does it cheaper and faster than any other Abrasive.
Write for prices and samples.

Sole Agents for Celebrated "Samson" Chilled Shot.
Samples and prices furnished on application.

AIR Compressors
Stone Tools
of every description.
Catalogue Gratis.
American Air Compressor Works, 26 Cortlandt Street,
NEW YORK CITY.



MANUFACTURERS OF ALL CLASSES OF
Monumental Work in Barre Granite
ALSO QUARRIERS.

A. ANDERSON & SONS, BARRE, VT.

Tell 'em you saw it in ROCK PRODUCTS.

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Rock Products

DEVOTED TO THE PRODUCTION
OF ROCK AND ITS PRODUCTS

Vol. V. No. 11.

LOUISVILLE, KY., MAY 5, 1906.

STONE EDITION.

NORTH CAROLINA GRANITE.

**Fine Light Gray and Pink Stock that Cuts
off in Sheets in Any Size With-
out Limit.**

ACTIVITY OF THE ROWAN COUNTY QUARRIES.

Of all the Southern granite propositions there is perhaps nothing more attractive than that to be found in Rowan County, the center of which is Salisbury, N. C. True a postoffice has recently been established at what is known as Granite Quarry, about five miles from the city and most of the principal operators get their mail at the new postoffice at the present time, although there is no man in the stone business in the neighborhood that does not consider Salisbury, his natural headquarters and the shipping arrangements by the four branches of the Southern railway which center at Salisbury, makes the proposition all the more attractive. It is only about 300 miles to Washington City, on the main line of the Southern and about half that distance to Lynchburg and Richmond. The main line of the Southern extending south reaches such markets as Charleston and Atlanta, while the outlet west taps St. Louis, Louisville, Cincinnati, Knoxville and Chattanooga, Nashville and Memphis, all by doing business with one direct line of railroad.

The quarries for the most part in Rowan County are amply provided with facilities in the shape of railroad switches, running right into the quarry or beneath the crushers.

The quality of the granite is of the very best, light gray in color or pink, and the special attractiveness is the ease with which the largest sized block can be moved. In truth there is no



GRANITE QUARRY OPERATED BY THE T. A. GILLESPIE CO.
GRANITE QUARRY, N. C.—LIGHT GRAY.

limit to the size of perfectly clear and sound granite that can be secured in almost any of the Rowan County quarries. The light gray very much resembles Bethel or light Barre granite, which is so well known to the building world as well as to the monumental trade. All of the quarries now in operation present practically the same feature with regard to stripping which is truthfully stated by saying that there is absolutely no stripping for the granite itself is thrust right out of the top of the mountain as bald and smooth as it could possibly be, and in moving a piece representing twenty-five cubic yards there would not be two bushels of debris, for it seems to cleave out in clear, straight surfaces.

To a man who has viewed a large number of the granite operations of the country, both East and West, there is but one impression that sticks longer than all others, namely, that the difficulty which make the expenses of nearly all the other

quarrying operations so great are almost eliminated in the Rowan County granite field. Here the quarries are located on the top of mountains and the railroad tracks which carry the blocks to market are below the working floor of the quarry, so that the rehandling of stone is reduced to the last degree.

Connected with every one of the quarries there is a crusher proposition, and the kind of stock they burst up to send to their crusher would break the heart of many a contractor who has to pay for pieces containing from six to ten cubic feet, delivered at the job in Washington, Baltimore, Philadelphia, or New York.

None of the quarries are operated on the scale they should be when the merit and value of the stone is taken into consideration, although there is increased activity over last season at all the quarries, and there seems to be an active market for everything that can be produced, whether it be crushed rock, granite pavers, granite curbs, or building and monumental material.

Operations of the T. A. Gillespie Co.

An extensive granite quarry is operated by the T. A. Gillespie Co., at Granite Quarry, under a lease from the Rowan County Granite Co., of which Mr. E. C. Hambley, of Salisbury, is the leading spirit. The Gillespie Co. is a contracting firm with offices in Pittsburgh and New York. This concern has a contract with the Whitney Co., who are building an immense power dam at Whitney, N. C. The quarry has been leased for the purpose of taking out the stone for the construction of the dam proper as well as the wing dams, aprons and run ways. This quarry is well equipped, having a power plant with a large compound Ingersoll-Sergeant compressor which supplies air to drive Kotten tools in every part of the quarry, and most of the work is done out of doors, although a commodious cutting shed has been provided and

(Continued on Page 24.)

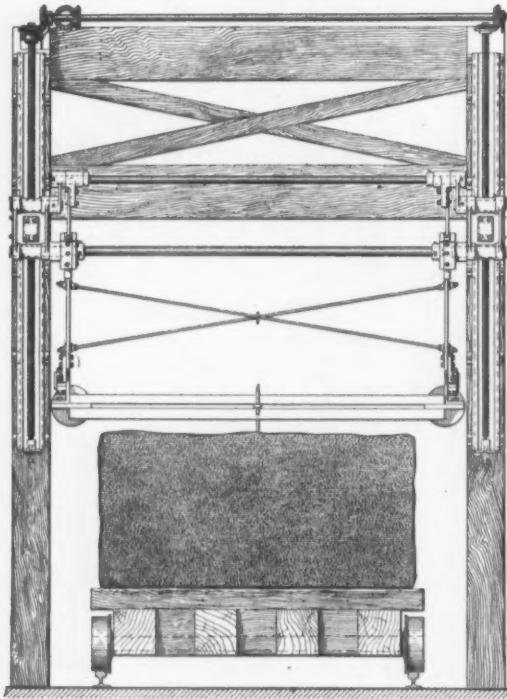


TWO VIEWS OF THE GRANITE QUARRY OF THE C. MARKLEY GRANITE CO., GRANITE QUARRY, N. C.

HAND DRILL GETTING OUT CURRING STOCK.

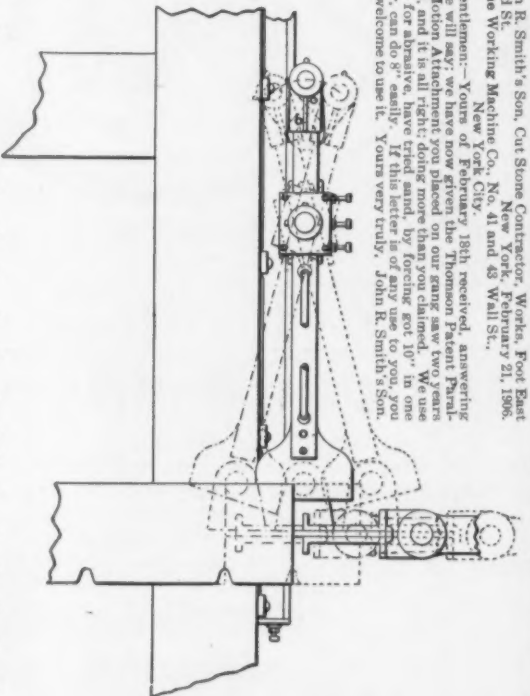
J. C. McANLESS OPENING UP THE NEW SECTION.

The Thomson Patent Parallel-Motion GANG and RIPSAW



These saws can be seen
in operation at any of
the following stone
yards:

CARR & BALL, Harrison, N. J.
J. J. SPURR & SON, Harrison, N. J.
DURRIE & DAVIDSON,
Harrison, N. J.
A. J. HOERNER & SONS,
Newark, N. J.
B. A. & G. N. WILLIAMS,
Washington, D. C.
BARR, THAW & FRASER,
Hoboken, N. J.
DAVID G. MORRISON,
L. I. City, N. Y.
JOHN R. SMITH'S SONS,
Ft. E, 103 7th St., New York City.
JAMES MUIR, Springfield, Mass.
KIRKPATRICK BROS.,
Philadelphia, Pa.
BUCK & GALLAGHER,
Philadelphia, Pa.
SOUTH SIDE STONE CO.,
Bloomington, Ind.
CONN. STEAM BROWNSTONE
CO.,
Portland, Conn.
EVERGREEN STEAM STONE
WORKS,
Evergreen, N. Y.
J. H. HUTCHINSON,
St. Henri, Canada.
SEATTLE CUT STONE CON-
TRACTING CO., Seattle, Wash.



John R. Smith's Son, Cut Stone Contractor, Works, Foot East
103rd St.
Stone Working Machine Co., No. 41 and 43 Wall St.,
New York City.
Gentlemen:—Yours of February 18th received, answering
name will say: we have now given the Thomson Patent Par-
allel Motion Attachment you placed on our gang saw two years
trial, and it is all right doing more than you claimed. We use
shot for abrasive, have tried sand, by forcing got 10" in one
hour, can do 8" easily. If this letter is of any use to you, you
are welcome to use it. Yours very truly, John R. Smith's son.

The Stone Working Machine Co.,
41 and 43 Wall Street,
New York City.

Gentlemen:—In reply to yours of
recent date, would say: that we
had such confidence in the Thom-
son attachment for stone saws that
we put in the first two manufac-
tured. We have had them in oper-
ation now nearly five years, and are
pleased to say our judgment has
been more than justified. We are
confident there is nothing in the
market equal to them. The cost for
repairs has been practically noth-
ing, and they continue to give every
satisfaction. You may use this
letter if it will help you in your
sales. Yours very truly,
CARR & BALL,
111-121 Passaic Ave.,
Harrison, N. J., Feb. 20, 1906.

WORKS:
Ave. A and 68th St., N. Y. City.
Mill and Orchard Sts.,
Astoria, L. I.
South Capitol and First St.,
Washington, D. C.
Ball Ground, Georgia.

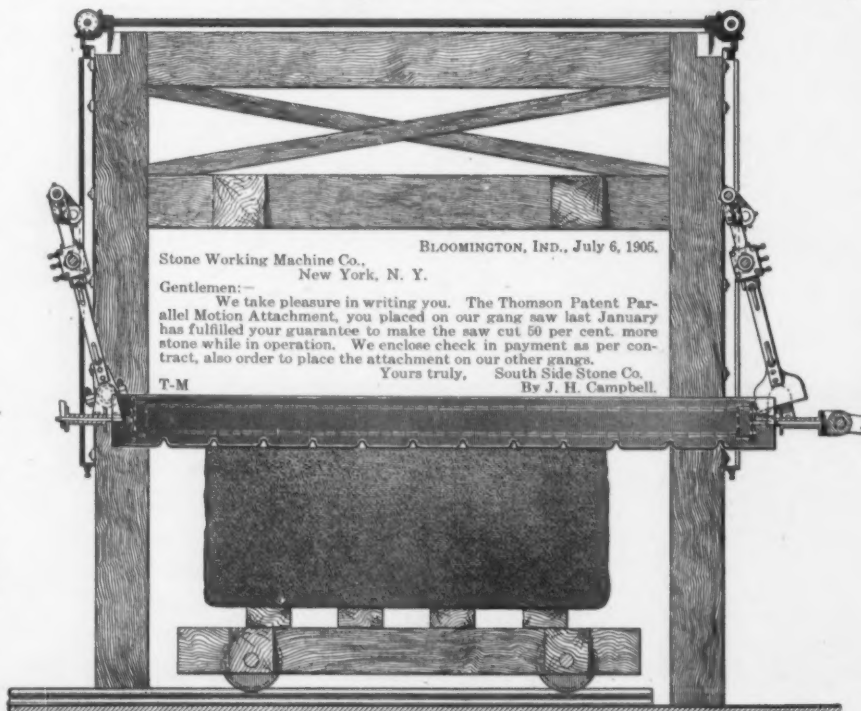
New York, April 19, 1906.
Mr. W. F. RANNEY,
General Manager, Stone Working
Machine Co.,
New York City.

Dear Sir:—In reply to the letter
of inquiry you sent us with refer-
ence to the gang of saws furnished
us at our yard at South Capitol and
I Streets, Washington, D. C. will
say, this gang is working very sat-
isfactorily and is cutting about 60
per cent more than our other gangs
under similar conditions in South
Dover Marble. Up to the present
time we have had very few repairs
and we think very well of your Ma-
chine. Yours very truly,
B. A. & G. N. WILLIAMS,
5 and 7 E. 42nd St., N. Y.
B. A. Williams, Pres.

Kirkpatrick Bros.
23d St. and Washington Ave.
Philadelphia, February 2, 1906.
Stone Working Machine Co.,
41 and 43 Wall Street,
New York City.

Gentlemen:—Yours of 1st inst.
received. In answer would state
that we have had a complete new
saw of yours in use for two years.
It has been working very satisfac-
torily. We can saw more than twice
what we could with the former
gang saws, and require but little
more power. Yours truly,
KIRKPATRICK BROS.

Stone Working Machine Company



Stone Working Machine Co.,
New York, N. Y.

Gentlemen:—
We take pleasure in writing you. The Thomson Patent Par-
allel Motion Attachment, you placed on our gang saw last January
has fulfilled your guarantee to make the saw cut 50 per cent. more
stone while in operation. We enclose check in payment as per con-
tract, also order to place the attachment on our other gangs.
Yours truly, South Side Stone Co.
T-M By J. H. Campbell.

BLOOMINGTON, IND., July 6, 1905.

SOLE OWNER OF ALL PATENTS AND MANUFACTURING RIGHTS

W. F. RANNEY, Manager,

43 WALL ST., AND 43 EXCHANGE PL.,
New York City.

J. J. SPURR & SONS,
Harrison, N. J., February 20, 1906.
Stone Working Machine Co.,
41 and 43 Wall Street,
New York City.

Gentlemen:—Replying to yours
of February 15th, regarding Thom-
son Patent Parallel Motion Attach-
ment will say: we have been using
the two placed on our saws for the
past three years, and during that
time they have received hard usage.
Have had to make some repairs
this winter, but we are perfectly
satisfied and highly recommend
them. Yours truly,
JOSEPH J. SPURR & SONS.

JAMES MUIR,
Steam Stone Works,
Bay Street Avenue,
Springfield, Mass.
Springfield, Mass., Mar. 28, 1906.
Stone Working Machine Co.,
41 and 43 Wall Street,
New York City.

Gentlemen:—Replying to yours
of recent date, I am pleased to write
the Thomson Patent Parallel Mo-
tion Stone saws you installed for
me in August 1904, has proven it-
self satisfactory in every way.
Sawing more than double we ever
sawed in every kind of stone, and
I do not see that it requires any
more power.

You ask particularly for report
as to granite. I am doing a granite
job now. Have visited a number
of plants where granite is being
sawed and I must say I am sawing
more and doing better work than
any mill that is sawing granite that
I know of.

You are at liberty to bring or
send any one to see this saw when
I believe all the above statements
will be proven to their entire satis-
faction. Yours truly,
JAMES MUIR.

BUCK & GALLAGHER,
Cut Stone Contractor,
N. W. Cor. 9th and Wolf Streets,
Philadelphia, Pa., Feb. 24, 1906.
Mr. W. F. RANNEY, Pres't.
Stone Working Machine Co.,
Nos. 41 and 43 Wall Street,
New York City.

Dear Sir:—Replying to yours ask-
ing if we can recommend the Thom-
son Attachment for stone gang
saws, will say: ours is giving entire
satisfaction: running smoothly and
doing excellent sawing—we believe
doubly what old saw did. Can't
see but what our engine runs it as
well as it did before change. We
are sawing in limestone with four
or five blades for 1ft. 8in. to 2ft. 8
in. per hour, (using shot or crushed
steel of course.) Will show saw to
any one who wishes to examine it.
Yours truly,
BUCK & GALLAGHER.

Tell 'em you saw it in ROCK PRODUCTS.

CHANNELING MACHINES



Six Sullivan Class "Y" Channelers quarrying oolitic limestone at Bedford, Indiana.

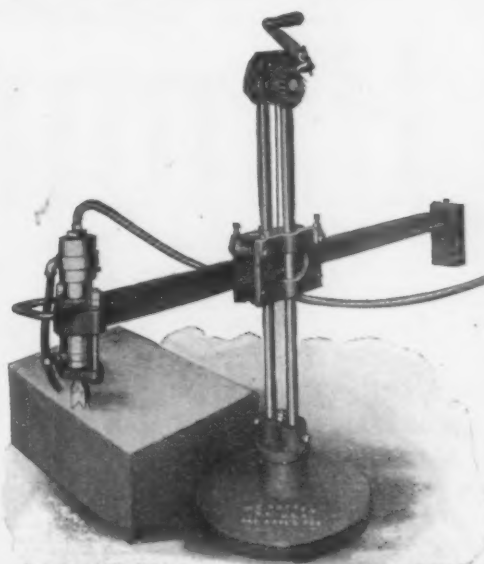
Sullivan Channelers are simpler, cost less to operate and cut faster than any other machine, in marble, slate, building stone or soapstone.

CATALOGUE 51.

Rock Drills, Plug Drills, Air Compressors

SULLIVAN MACHINERY CO.

Chicago	New York	Knoxville	Denver
Claremont, N. H.	Pittsburg	St. Louis	El Paso



The "Kotten" Junior Surfacers.

We will be glad to give you further information and prices. Machines sent on trial. Crane, Junior and Baby Surfacers, Baby Drillers and Plug Drillers, Valve and Valveless Carving Tools. Complete Pneumatic Equipments.

H. G. KOTTEN, M'r., 120 Liberty St., NEW YORK CITY

Foster & Hosler, Chicago, Ill. Central States Agents
Berger-Carter Co., San Francisco, Cal., Pacific States Agents

Marvin Electric Drill

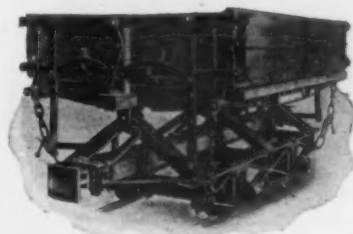
Simplest machines ever built for drilling rock. They have been in use 2100 days, averaging 15 hours per day and still giving entire satisfaction.

No electric motor.
No cams.
No machine shop.
Send for Catalog No. 4.



Marvin Electric Drill Company,
BINGHAMTON, N. Y.

"THE OLIVER"



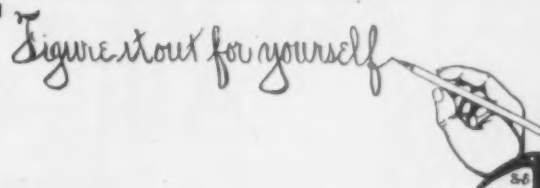
1½ yard, 2 yard,
4 yard and 6 yard

DUMP CARS

Cars for all Purposes.
One and Two Way Side Dump
and Rotary Dump Cars.

PATENTED RELEASING DOOR MECHANISM
AUTOMATIC COUPLERS, AIR BRAKES
Heavy Castings and Machine Work.

WM. J OLIVER MFG. CO., KNOXVILLE, TENNESSEE



MR. BLOCKMAKER:

Do you fully realize the importance of obtaining the most perfect mixture? Do you realize fully what a saving a good mixer means in mixing concrete for your block machines? Doubtless you use the best of materials, but the strength of your blocks will be greatly impaired by improper mixing and their appearance will not compare favorably with the machine mixed block. The American will quickly and perfectly mix either dry or wet materials.

And the profits: You not only save in the cost of your products by the use of the American, but your blocks will be of better quality and of higher grade; will sell more readily and for more money; you will be able to ignore your competitors who "mix by hand"; and you will soon need more block machines to handle your increased business. Others have had this experience. Think it over.

The American Mixer Excels.

"After many months spent" in studying the mixer question we decided on the American, and now after several months' use, under varying and sometimes trying conditions, the American has been there with the goods every time."—THE BYESVILLE ARTIFICIAL STONE CO., BYESVILLE, OHIO.

"We have run our American to 550 blocks per day of nine hours, but this can be increased considerably if you get the stuff to it."—SHAMOKIN CEMENT BUILDING BLOCK COMPANY, Shamokin, Pa.



SEND FOR
CATALOGUE "I"

Manufactured By

The International F. and Fireproofing Co.
Columbus, Ohio.

Tell 'em you saw it in ROCK PRODUCTS.

Hammer Drills

THE "LITTLE JAP"

(Axial Valve)

Two distinct types of established superiority, proved in hard, practical service—Adapted to all conditions of light rock work in the quarry—Capacity, $1\frac{1}{4}$ inch holes, down holes a foot or so deep, and up holes 48 inches deep—Weight, less than 25 lbs.—Works effectively under all ordinary pressures—Economical of power and repairs.



THE "LITTLE IMP"

(Imperial Valve)



THE "MIDGET"

A light valveless tool for plug and feather work, in top or side holes. Uses a diamond point or cross bit for holes $\frac{1}{2}$ in. in diameter. Fitted with an automatic handle admission, with no throttle. Weighs only 20 lbs. For rock of every quality.

INGERSOLL-RAND CO.

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Cleveland, O.
Pittsburg, Pa.

Boston, Mass.
Philadelphia, Pa.

NEW YORK
Chicago, Ill.

St. Louis, Mo.
Houghton, Mich.

El Paso, Texas.
Mexico City, Mex.

18



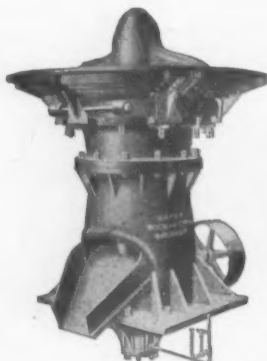
Allis-Chalmers Co.

MILWAUKEE, WIS., U. S. A.

Canadian representatives, Allis-Chalmers-Bullock, Ltd., Montreal.



Gates Rock and Ore Breakers



Style "K" Breaker

embody all that advanced engineering skill, wide experience, and unsurpassed manufacturing facilities represent in breaker construction.

Its Record

is a continuous demonstration of its superiority over all other machines used for like purposes.

Unequaled

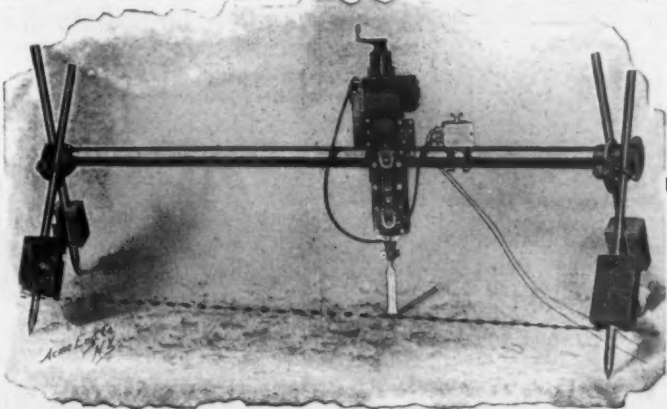
for producing crushed stone suitable for Railway Ballast, Street Macadam, Concrete, or for the reduction of Cement Clinker, Slag, Phosphate Rock, etc.



Style "D" Breaker

Bullock Electrical Apparatus

Tell 'em you saw it in ROCK PRODUCTS.



BOX ELECTRIC DRILLS

Best for Quarry Work.

THE BOX ELECTRIC will broach a cleaner and a deeper channel than is possible with any steam or air drill. It is exceedingly compact, efficient and durable. Model No. 6 has a capacity equivalent to a 3 inch steam or air drill but requires only 1½ to 2 horsepower for its operation. An equivalent air drill requires from 15 to 20 horsepower. Do not judge the BOX drill by other electric drills, and REMEMBER that the BOX ELECTRIC DRILL contains no springs or other delicate parts and uses no flexible shaft.

Send for Catalogue No. BE-10.

H.D. CRIPPEN MFG. CO.
25 BROAD ST. N.Y.

SOLE MANUFACTURERS.

NILES ELECTRIC TRAVELING CRANES AND HOISTS FOR STONE YARDS

Send for Catalogue of "Outdoor Cranes"

NILES-BEMENT-POND CO.,

111 Broadway, NEW YORK

Philadelphia, Boston, Chicago, Pittsburg, St. Louis, London.

CRANES ELECTRIC AND HAND POWER HOISTS

All Types and Sizes of
Electric and Hand Power
Cranes and Hoists.



For stone yards or stone
mills, out door or inside
service.

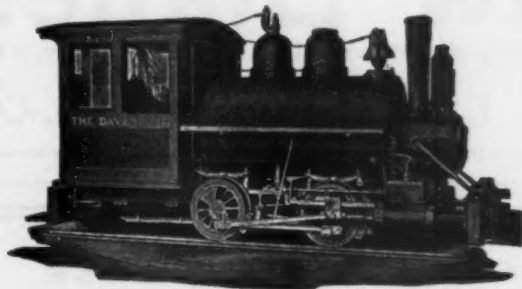
THE CASE MFG. CO., Columbus, Ohio.

NEW YORK:
McCLAVE, RIMMER & CO.
85 Liberty St.

PITTSBURG:
A. W. WYCKOFF CO.
Farmers Bank Bldg.

CLEVELAND:
C. E. STAMP & CO.
New England Bldg.

SAN FRANCISCO:
LILLEY & THURSTON,
604 Montgomery St.



DO YOU HAVE CARS TO HAUL?
**THE DAVENPORT LOCOMOTIVE
WILL SAVE MONEY.**

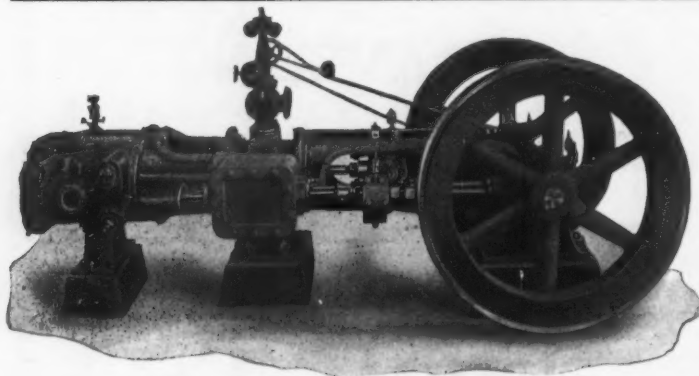
Special Designs for Special Purposes. Any Size, Any Gauge, Any Weight.

WRITE FOR PRICES AND PARTICULARS.

DAVENPORT LOCOMOTIVE WORKS, DAVENPORT, IOWA.

Tell 'em you saw it in ROCK PRODUCTS.

A GOOD MECHANIC KNOWS WHY



OUR FORK-FRAME STRAIGHT-LINE Air Compressors

Last longer and run smoother than others. Also why the removal of the bearings from the neighborhood of the steam cylinders improves their running qualities.

Air Compressors—Steam driven, Belt driven and direct connection. Electric Motors for every conceivable service.

Full particulars are given in pamphlet. Send for it.

Clayton Air Compressor Works

114-118 Liberty St., NEW YORK



GOLD MEDAL

Absolute Safety.

Load Controlled at Any Point.

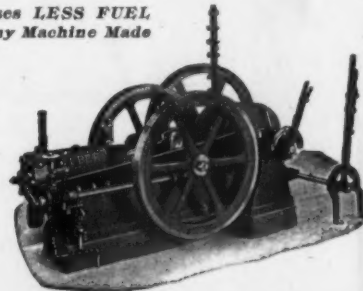
Catalogue of Valuable Information Free.

Weber Gas and Gasoline Engine Company

Box, B-1114.

KANSAS CITY, MO.

GAS ENGINEERS.



A 20th Century Up-to-Date Hoist

That Uses LESS FUEL Than Any Machine Made



Henricks Magneto

Fills Your Gas or Gasoline Engines without the Aid of Batteries

It is better and more durable than any Dynamo. Its governor regulates the speed regardless of speed of fly wheel. Its governor adjusts to imperfect fly wheels. Its governor insures a constant and uniform spark. The spark does not burn the contacts of the engine. All strains are removed from the bearings of Magneto.

Fully Guaranteed, Henricks Novelty Company.

Agents Wanted. 130 S. Capital Ave., Indianapolis, Ind.

Stacks! Tanks! Kilns!

AURORA BOILER WORKS

AURORA, ILLS.

Steel Plate Work.



TRADE MARK REGISTERED.

"MONARCH WIRE ROPE"

The Most Desirable Rope made for Quarry and Contract Work. & &

It is not the color of the Strand that makes Monarch Rope so superior, but the material it is made out of. The Whyte strand merely ensures your getting the right rope.

MACOMBER & WHYTE ROPE CO.,

19 and 21 South Canal Street, CHICAGO.

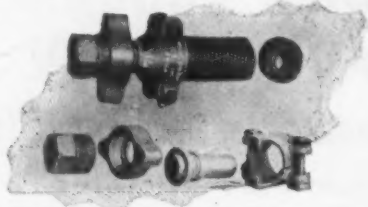
126 Centre Street, NEW YORK.

DYNAMITE STEAM HOSE PORTAL AIR

WILL OUTLAST ANYTHING NOW ON THE MARKET.
1,000 lbs. will not budge the MULCONROY COUPLING.

BELTING,
WATER AND
SUCTION HOSE.

SHEET AND PISTON
PACKING OF
ALL KINDS.



"KANT-KUT"
LEATHER-SOLED
RUBBER BOOTS.

RUBBER COATS,
OILED CLOTHING.
SEND FOR CATALOG.

Orders shipped same day received.

Let us send you samples and prices.

MULCONROY CO. Inc. MANUFACTURERS QUARRYMEN'S RUBBER GOODS.
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Saw Blades

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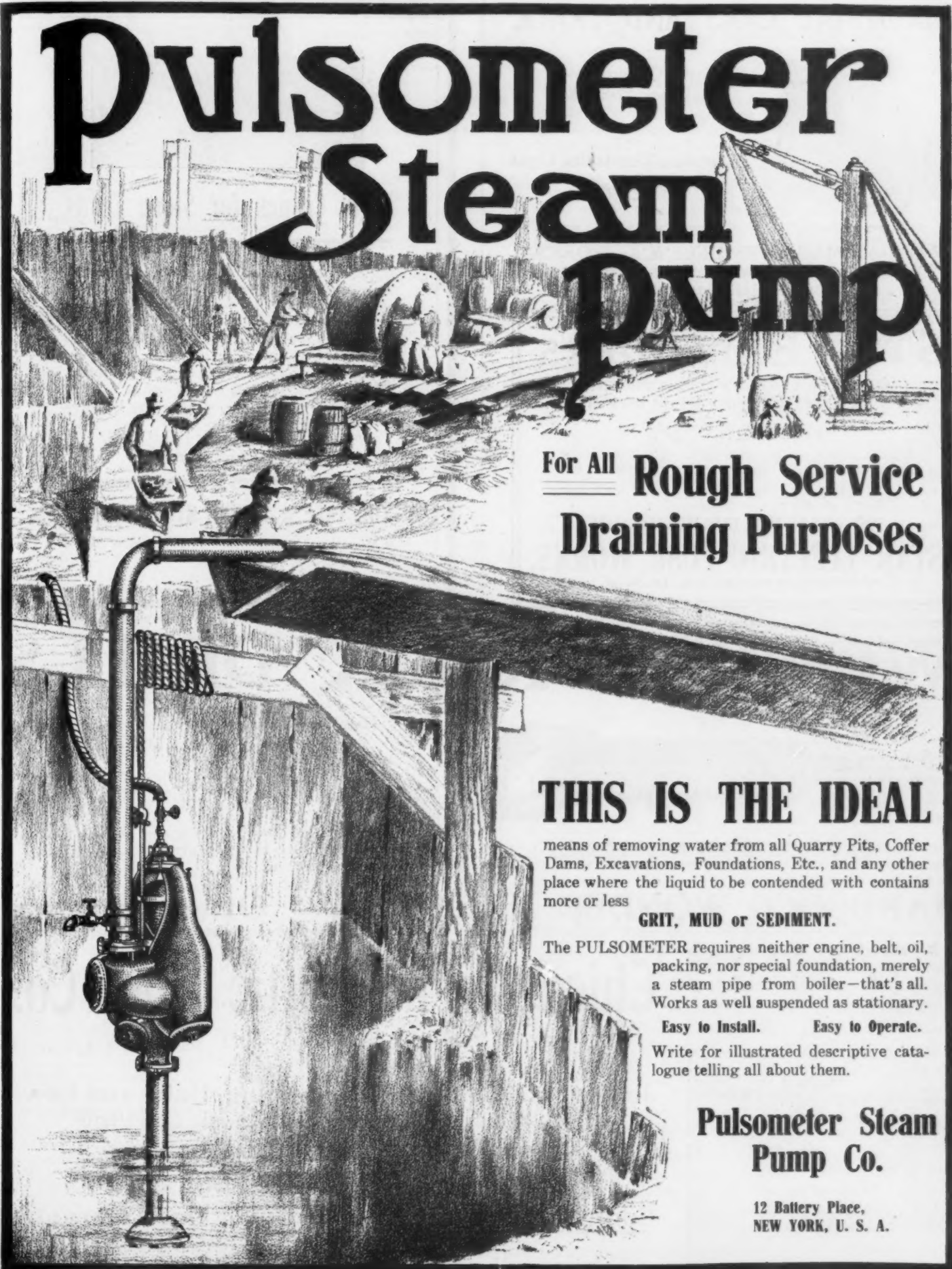
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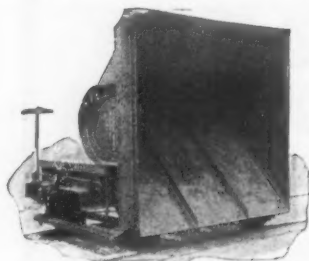
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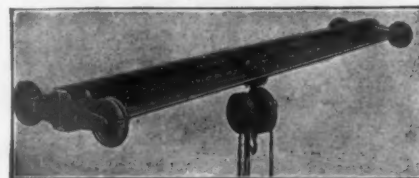
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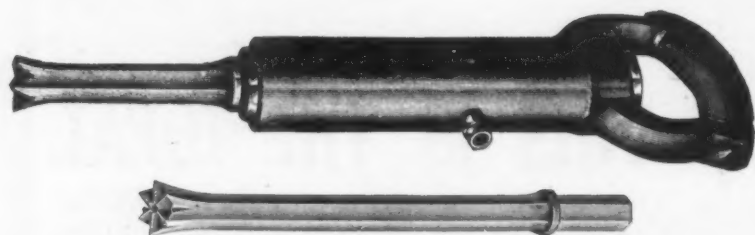
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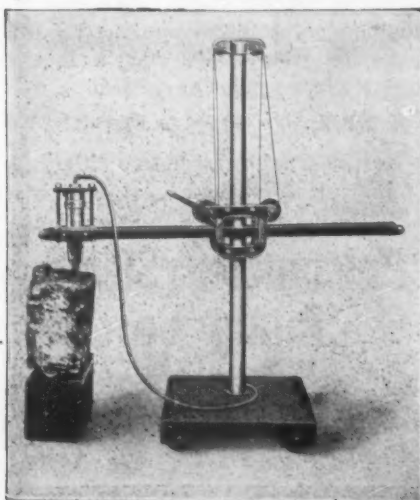
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SEMI-MONTHLY.

Entered as second-class matter December 16, 1905, at the Post Office at Louisville, Ky., under Act of Congress of March 3, 1879.

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Publishers.

E. H. DEFEBAUGH President.

A semi-monthly trade journal devoted to the interests of the manufacturers and dealers in rock products and kindred lines, including Lime, Cement, Salt, Sand, Slate, Granite, Marble, Sandstone, Grindstones, Artificial Stone, Emery Stone, Quarries, Monuments, Manganese, Asphalt, Phosphates, Plaster, Terra Cotta, Roofing and Roofing Tile, Coal, Oil, Mineral Wool, Brick, etc.

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ASSOCIATE EDITORS.

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ALEX. CRISTADORO New York.

Regular Staff Correspondents in the Principal Centers.

The mission of ROCK PRODUCTS is to serve the trade in any and every honorable way possible, to promote better profits and make life more pleasant for those engaged in the business to which it caters. With this end in view, criticism is courted, and all are invited to use its columns to further ideas and suggestions for the good of the trade. The office, too, is at the service of the constituents of this paper; so when you want to buy or sell, or merely ask a question, write, and when you are in town, call and make it your headquarters.

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LOUISVILLE, KY., MAY 5, 1906.

Solid Facts Are Wanted.

Whenever an all-absorbing incident occurs, like the destruction of the great city of San Francisco, by earthquake and fire, all of the interests represented by the building material expressed in the destroyed property get busy with their explanations. First in the field is the mighty steel interest who learnedly explain that steel cage construction is the only thing that stood up under the havoc of the quaking earth and the destroying conflagration, and after them every line of material according to the size of its voice which is bounded by the number of shekels of gold behind the industry will arise and explain to the effect that each and every material showed a better average than any other and this garbled exposition is what the telegraph matter in the daily papers of the country will contain.

A complete scrap book of all the clippings would make a more contradictory and impossible collaboration of evidence where the real truth is desired than that ancient incident which occurred upon the plains of Shinar, where the tongues of the builders of the Tower of Babel caused the abandonment of the work. The whole truth with regard to the conduct of various building materials in the destroyed district of San Francisco can only be observed by a skilled and impartial man upon the ground just the same as it was in the case of Baltimore, Boston or Chicago, after the smoke cleared away in their great disasters of record.

Rock Products shall attempt with its own correspondents upon the ground by faithful reproductions of photographs and the impartial investigation of the results of both earthquake and fire to give the story from every possible standpoint without any color of opinion or for the benefit of any special interest and we hope that the readers of our paper will realize that truthful testimony is of the greatest advantage and the only thing of real value to the building trades in general or to any particular material. It already appears upon the face of the returns that the lurid descriptions of destruction with their prodigious estimates of the aggregate loss were unjustified by the facts and that personal excitement was largely translated into the statement of fact which is always more or less the case with first reports. Any general statement with regard to the San Francisco disaster cannot have any important bearing upon the information which shall survive and become the settled opinion for the reconstruction of the city as well as for employment in other places.

Well studied details from many standpoints of observation when put together can alone furnish the proper data of former basis for future construction and use of material. The architect and engineer realize that there are many lessons contained for them in the great number of examples of every kind of construction and we shall help them wherever we can, but in the matter of materials we intend to give the best and most reliable testimony that it is possible to obtain, and as fast as the real facts become apparent.

Associated Effort Only Can Win.

The department store monument catalogue is the factor of the business that is most hurtful to the retail monument dealer in the great cities and in their immediate neighborhood. In fact, we have recently observed that the department store people are taking the field as shippers and even as wholesalers and they have a way of retailing at wholesale prices, which is calculated to attract business away from the legitimate dealer to a great extent. The big department store has indeed entered the monument field just as it has every other business, absorbing individual effort, investment and character into a mammoth organization. Just where the dealer in special lines will find himself in the end is hard to say but it does look as if the monument business would be the easiest of all to protect against such invasion if the retailer and his interests were thoroughly organized into state associations and working in harmony with the National Association of quarry operators and manufacturers. Let the dealer everywhere give this matter consideration before any great damage is done to the business and get together with his competitor for mutual protection against this modern monster which has already shown its teeth and is ready to devour all alike both retail, manufacturer and quarry operator. We will be glad to assist the trade wherever an earnest few desire to get together.

The activity in granite paver and Belgian blocks seems to be increasing for it is a question with the quarrymen how to take care of the season's orders, rather than where he is going to ship his accumulation, as it was this time a year ago. Of course there are exceptions and there may be plenty of pavers in inaccessible localities but the man with good transportation facilities at hand has all his work that he cares to get under.

The quotations upon building stone, both limestone marble and granite, are firm with a comfortable percentage of profit safely figured in.

The Decoration Day feature in the monumental trade has been keeping all the retailers very busy. The shops are full of work and the manufacturers have simply found it impossible to get out all the work on time. However, we note that the manufacturer has cheerfully operated his establishment overtime in many cases to take care of the customer's wants and the volume of business that goes out in this month of May is really something stupendous. A great deal of the work this year runs into bigger money for more elaborate carving and designing has been indulged in than formerly and this idea is growing all the time. The carving of granites has developed since the introduction of the pneumatic tool enormously so that now designs that were once believed to be only possible in Italian marble or some other soft stone are now turned out in light granite with equal perfection as to detail.

The manufacturer and dealer of quarry supplies, consisting of wire rope, steam and air hose, as well as all the other contrivances that have been invented to facilitate and cheapen the stone working operations has a bright season before him just now, full of opportunity and promise of profit. The wise man is he who is early in the field with his announcement in the trade paper which reaches every operation of the country so that his goods gets the widest introduction and makes a full business for his factory. The enterprising operator who has an appropriation for improvement to be expended this spring is now looking for ideas and it is up to the man with equipment



THE OPERATOR LOOKING FOR EQUIPMENT.

to offer to make his suggestions where the personal touch is applied and every possible customer has the matter intelligently laid before him.

Quarrymen generally complain of a shortage of cars. The enormous tonnage of the stone business has secured for every locality of importance the minimum rates of freight and then it requires the rolling stock to be in the very finest condition for a dilapidated car or even one that is much worn would come to grief under the average quarryload. Consequently at times when the railroad man can get all the business he wants at full rates, where a lower grade of rolling stock will be amply sufficient, he systematically "cuts out" the stone feature in his business until he needs the tonnage or the accumulation of idle cars makes him go after the heavy business. Why would it not be a good investment to organize a company to build and operate a fast freight line of cars, especially built to accommodate the stone industry so as to afford adequate accommodation at all times for stone transportation? The transportation problem of stone in every shape whether it be dimension stone, crush macadam or screenings, is a proposition quite undeveloped at the present time and worthy of the attention of an inventive genius.

Architectural

Patterned After King Solomon's Temple.

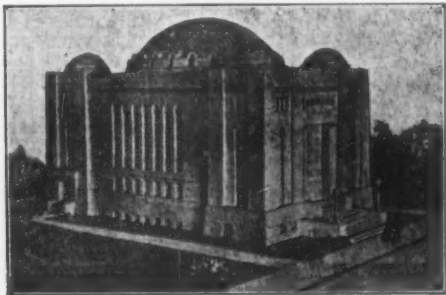
The accompanying illustration showing the new temple of the congregation Adath Israel, of which the corner stone was recently laid in Boston, exemplifies a most dignified adaption of the style of architecture which has been historically associated with the wonderful temple of Solomon.

The plans for the edifice were made by Mr. C. H. Blackall, and the picture is made from a photograph of a wooden model made by the architect.

The temple is to occupy a lot 81x125 feet. It is set back from both Commonwealth Avenue and Blandford Street, and presents a frontage of 71 feet on the avenue and a depth of 105 feet on Blandford Street.

The exact details of the exterior are of course largely hypothetical and in working it out the architect has been obliged to accept certain motives from Egyptian and from Assyrian architecture, and has also incorporated later motives from the mosque of St. Sophia at Constantinople, but the design essentially is neither a Mohammedan mosque nor a Christian temple. It avoids both of these and so far as its style can be classified it is entirely Jewish in all its antecedents and approximates very closely to all the knowledge we have concerning the ancient architecture of Palestine.

On the Commonwealth Avenue front the building presents a broad pylon treatment on each side, enclosing a broad square opening for the entrance



TEMPLE ADATH ISRAEL, BOSTON, MASS.

and carried up into a large mullioned window. Each of the pylons is crowned by a low, flat dome, and over the center of the structure rises a semi-byzantine dome pierced by 24 narrow windows. The pylon treatment is repeated at each end of the Blandford Street side, the main wall being pierced by seven long, narrow windows.

The exterior is being constructed entirely of Vermont marble. The severest simplicity has been given to the character of all the details, the only ornamentation consisting of bands of vitrified tile in quaint pattern design, one band being carried entirely around the two fronts near the top of the building and smaller panels and bands being used to emphasize the openings and doorways. The marble, while nominally white, has really a slight grayish cast, and the effect of color treatment, combined with the tiles, will be of gray and green. The color treatment is also carried into the windows, which are to be filled with glass of a general greenish tone.

The interior arrangement will include Sunday school rooms, social apartments, etc., in the basement and an auditorium on the main floor, with galleries for the public carried around on three sides. The platform will be on the side opposite Commonwealth Avenue.

The ark, which is a characteristic feature of the synagogue, will be at the rear of the platform and will be constructed of pale sea green translucent onyx, the door to the chamber containing the scrolls being made and trimmed with olive wood. At each side of the ark there are to be bronze columns designed in symbolic manner recalling the Description of the ark in the Bible. At each extremity of the platform there will be a specially

designed seven-branched candlestick and a reading desk is to be constructed entirely of pale translucent yellow-white marble.

At the back of and above the ark will be the choir gallery and the organ. The organ pipes, instead of being arranged in vertical rows, are arranged like trumpets radially from the center of and grouped about a very deep, strong colored glass window, a special gift to the congregation.

A wide arch encloses the platform and the choir gallery, springing from heavy, quaintly designed piers. The whole interior is roofed by a tent-like dome springing from the corners without pendentives and pierced by 24 narrow lunettes.

The whole scheme of decoration on the interior of the temple will be carried out in brown, green and gray. This will be one of the most handsome places of worship in Boston.

Tenants Also Should Be Protected.

Consistency is a rare jewel, they say, and we prove it even in our fireproof buildings. We go to some additional expense to make the structure impregnable, provide fire extinguishing devices, ample water, and all that sort of thing, and then go to work and fill up our buildings with a lot of useless stuff, just as combustible as we can possibly make it in an endeavor to see how much damage we could do to the structure of the building by affording ample opportunity for a lively fire to test it. Wood, wood, and more of it is used in furnishing and fitting, and we pile our floors with wood and cotton carpets and plaster on no end of draperies all about. There is neither rhyme nor reason in all this. In big office buildings, for instance, there need be little wood used in furnishing and fitting. All these things, desks, filing cases, etc., are now made in metal. And in house furnishing and decorating we could be far more sensible than we are, and not at the price of sacrifice of the artistic either. We put away the castor oil and paregoric bottles in high cupboards and under lock and key so that "baby" can not get at them and make himself sick, yet we hang silk and paper shades on gas lamps that it is ten to one baby will, sooner or later, attempt to light, and almost the same odds that he will light the shades instead of the lamps.

The tenant himself is beginning to appreciate that there is something wrong in this building question, from his viewpoint. He notices that even in severe fires, and more frequently in minor ones, the structure, the fireproof building goes comparatively unscathed, or at least is but slightly damaged and the owner is not overmuch worried at the result. But the furniture and fittings, the tenant's possessions are wiped out. He is a loser and probably has no insurance either. He has fondly believed that occupancy of a fireproof building, for some occult reason or other, imparts immunity from any damage from fire to all concerned and he finds, in so far as the fireproof buildings we have built go, that he is mistaken. Being human, he turns round and swears that there is no such thing as a fireproof building and feels that he would just as soon live in the tinder box kind, pay a little insurance and let it go at that.

The owner of a structure that is fireproof in itself is gradually brought to realize that in advertising his building he must not make a mental reservation when using the term "fireproof," applying it only to the structural parts, but must, indeed, make the whole thing fireproof, its fittings and finish, so that his tenants' interests are safeguarded as well as his own.—*New York Commercial*.

Male Angels Take Place of Female.

The work on the Belmont Chapel of the Cathedral of St. John the Divine, in Morningside Heights, has progressed so far that there is every hope of its dedication by Bishop Potter this spring, as contemplated.

The chapel is Gothic and is ornamented, though not profusely so. To the right and left of the altar are two rows of angels, five on each side. Beyond these to the right and left, about six feet from the floor, are two statues, one of St. Peter and the other of St. Paul. Flanking the altar on either side are two tiers of Saints. The Saints that have been selected for the honor of gracing the chapel, on the right, from the top down, are, St. Athanasius, St. Basil, St. Polycarp and St. Gregory. The ones on the left are St. Clement, St. Chrysosom, St. Ignatius and St. Ephrem Syrus.

The caps of the columns which support the

vaultings are ornamented with cherubs' heads. The others are decorated with oak and grape leaves. The canopies over the niches are of a number of varied designs.

On either side of the window will stand the statues of St. Gabriel and St. Michael. They are shown in the cut on this page and are to take the place of the two other angels, one of the Resurrection and the other of the Annunciation, which were destroyed by the sculptor himself, in consequence of the unworthy comment caused by the fact of their being female angels. The new angels are distinctly masculine, but with features somewhat idealized and softened. The idea of sex does not predominate to a very marked extent in them, and it makes a happy solution of the sculptor's aim, which was to give softness wherever possible to every attribute to mitigate as much as possible the severity of the heavy stone work encasing them.

At the apex of the roof a niche will contain the figure of the child Christ. Under the main window is a group of three figures, the Virgin in the center, and standing on her right is Zacharias and on her left, also standing, will be St. Simeon.

The every-day passerby who sees the big arch looming up, and sometimes so weirdly through an occasional fog, can form no conception of the immense amount of work that has been done and is steadily going on there. It is not until he gets beyond its Belmont Chapel's cluster of columns and sees the ponderous piles of granite rearing themselves under the shadow of the big arch that he can begin to have some realization of the enormous amount of work which is being so quietly and unostentatiously accomplished.

He will look with wonder at the immense towers of granite blocks that grow with such deliber-



THE ANGELS GABRIEL AND MICHAEL.

ateness because they are so large. The eight pillars, great and massive as they are, become dwarfed by the ponderous aggregate of stone that is shaping itself into pillars further in. His amazement will be increased when he descends to the crypt and notes the astounding massiveness of all the work around him. Huge granite blocks everywhere. No ordinary sized building stone has a place. A fair sized office desk will represent the smallest of the blocks that are honored with a lodgement there. Comparatively, the Belmont Chapel is a light and airy structure, and the heavy columns look slender and spindly alongside the masses that tower up in the interior. Such an inspection will cause him to fully realize how and why it is progressing, apparently, so slowly, and that the future building and triumphant completion of it, are a joint legacy to succeeding fortunate generations.

The Provident Building, corner Nassau and Liberty Streets, will be remodeled for the occupancy of the Phoenix Bank which has been long located at 49 Wall Street. A mezzanine floor will be built, mosaic floors laid and a number of other improvements made.

Our Homes of the Future.

Will the Twentieth Century see the passing of that cumbrous destroyer of artistic symmetry in dwelling houses—a chimney? Will it become a useless feature in the homes of the future, says the *Architects and Builders' Journal*. Stranger things have come to pass, yet we, accustomed to the methods in vogue for centuries, may have given the matter no thought. So used have we become to the employment of coal or wood for heating and cooking that an eventual release from the annoyance of smoke, ashes and dust has never occurred to us. Yet the problem of doing away with this form of fuel has been solved and a house without a chimney has made its appearance. Electricity has made the departure from the ordinary possible.

When Mr. W. H. Hillman, a prominent official in the General Electric Co.'s works at Schenectady, N. Y., commissioned an architect to draw plans for his handsome suburban residence, without chimney or flues, he rather astonished that gentleman until it was explained that electricity, which was to be used exclusively, rendered those adjuncts superfluous. The house was built and it has the unique distinction of being the only residence in America without a chimney. Electricity furnishes the light, supplies heat in ornamental radiators, does the cooking and operates numerous other devices of utility and comfort. It illustrates the advance made in the utilization of this comparatively unknown element.

With new inventions which will lessen the cost of generation and appliances to enlarge the scope of its adaptability, electricity is destined to become a commodity of general use as a domestic as well as an industrial agent. Before the present century runs the half of its circle, chimneyless houses may, nay, will be, no novelty. The increasing cost of coal to the consumer will direct attention to a cheaper substitute which will be safe and satisfactory. This electricity will supply. New devices by which the current is controlled has minimized the danger which among the uninformed has been an objection to its use for home purposes.

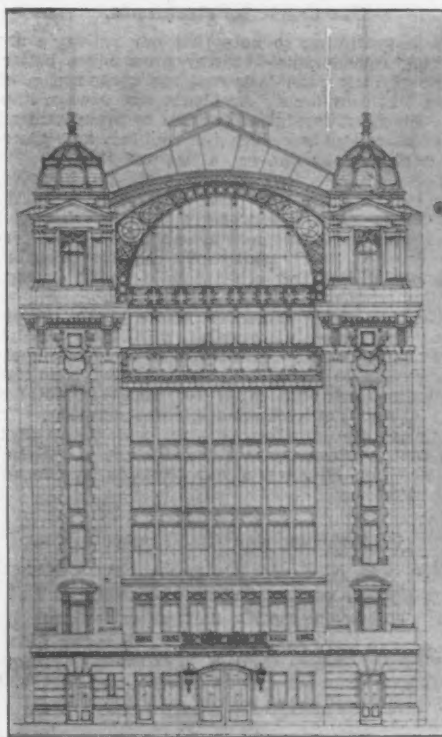
The masses, however, are becoming educated in the management of the safeguards about electric current, and with the exercise of ordinary intelligence it is harmless and less dangerous than coal, gas or the oils so extensively used as fuel at present. In planning buildings in the future, whether pretentious or humble, wiring for electricity will be an essential requirement, just as gas and water piping is today. We have scarcely entered upon the age of electricity. Looking backward to the beginning of the second half of the last century, we marvel at the wonders of electrical achievement. Gauged by the development of the past decade, we are but passing through the kindergarten period of electrical experience.

A Sumptuous Horse Market.

New York will soon have a building for the sale of fine carriage horses that will eclipse anything of its kind in the country. W. D. Grand and H. M. Tichnor of New York and Chicago, under the name of The Tichnor-Grand Co., are at the head of the enterprise which will call for an expenditure of \$1,000,000.00. It will be a fire-proof building running through the block from 61st to 62nd street, near Broadway. The plans are by Hill & Stout, 1123 Broadway, and the contractors are the Thompson-Starrett Co., who have built the St. Regis Hotel, Aeolian Hall and many other important buildings in New York, not to speak of their operations elsewhere.

The building, views of which are printed on this page, will be six stories high, not including the basement, which is so planned as to give an abundance of light, and which will be furnished for use as a carriage room, affording storing room for over one hundred vehicles.

The 61st street exterior will be either of buff Indiana limestone or of granite, either pink or Stony Creek, and copper and glass, ornamented in the Renaissance style. The main entrance will be from the 61st street opening into the main floor which will be the show stable, where space will be laid out for parading the horses. There will be about 50 stalls on this floor. Elevators for horses, carriages, patrons and employees will run from ground floor to roof. The offices of the company will be in the front of the second floor, with stalls in the rear for 175 horses. The third and fourth floors will be fitted up exclusively for horses with about 200 stalls on each floor. On the fourth floor will be installed the veterinarians with a full hospital equipment.

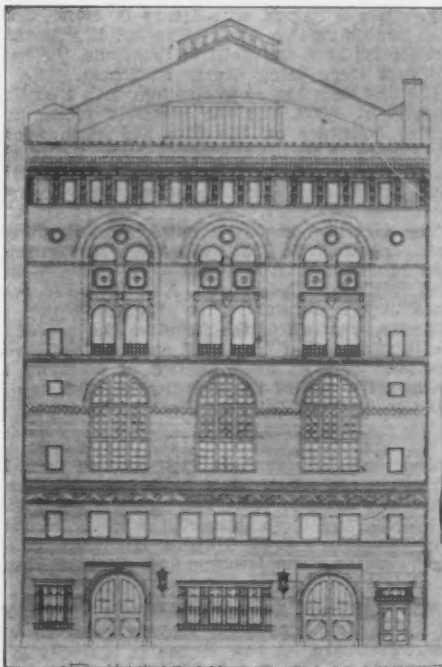


61ST STREET ELEVATION OF NEW YORK HORSE MARKET.

On the roof will be a garden, riding ring and sales ring, with a glass roof rising 45 feet high. Here will be held the regular sales, with a mezzanine balcony overlooking the ring below. On this floor there are to be baths, dressing rooms and a hundred lockers for the gentlemen patrons of the firm who will ride there.

The 62nd street side will be all brick with a little terra cotta introduced, and with copper corners. It is expected that it will take about 1,500,000 common bricks and 35,000 fine front bricks, which will be furnished by Sayre & Fisher Co. These bricks will be of the kind known as "Hill Special".

The space covered by the building will be 75 feet by 200 feet 10 inches. The structure will be of steel construction, with fire-proof floors and arches. There is no wood to be used with the exception of a small amount of office trimming. Building will begin at once, and it is expected that the structure will be completed in eight months.



62ND STREET ELEVATION OR REAR OF THE NEW YORK HORSE MARKET.

Slate.

Prospects for Slate Never Better.

The most gratifying reports come from all slate producing sections of the country. With the opening up of spring building the demand for slate, both roofing and structural, has become almost unprecedented. The fear has perhaps been entertained by some that the use of slate for building purposes would deteriorate, owing to the advent of the commodities too numerous to mention.

It may be that there was some ground for this belief, for the American people are faddists—many even extremists—and continually desire some new form of building material. They frequently have little or no knowledge of the merits of these new materials and are led by the insatiable craving for a change, it often matters not what that diversion might be.

But good judgment will sometimes prevail when the advice of stronger minds have some authority, and as slate has long ago proven its value for the uses to which it has been put, its popularity is still in the ascendant. This must be highly gratifying to the numerous operators, who have at the present time all the orders they can take care of, with prospects even more encouraging.

This very favorable condition was foreseen in a measure by the manufacturers several months ago, and preparations were made by them to meet the early demand. The workmen were kept busy during the fall and winter months, when such was possible, and consequently they had a fair amount of slate on hand to take care of the first call for their output. In some sections the price has advanced, which is only another flattering sign of the market conditions, and will tend to encourage renewed operations. A further evidence of this is seen in the opening up of new deposits in many localities. All these are the best evidences of the outlook for a season of prosperity for the slate industry.

Slate Quarry Begins Operation.

The Scranton Slate Co., at Scranton, Pa., has just begun work in the old Fulmer slate quarry at Slatington, which the company purchased several years ago. An attempt was made to reopen the quarry last year but was interfered with by a landslide which nearly filled the pit. As there was no place to dispose of the debris, work was suspended until a bridge could be erected across the Lehigh Valley tracks, over which the cars are now taken. This has been constructed and the rubbish is emptied on the river bank. The work is in charge of David R. Morris, superintendent of the company.

Orders Coming in Fast.

GRANVILLE, N. Y., April 13.—Norton Brothers, manufacturers of roofing slate, of various colors, write us: "We are getting in orders very fast. Our trade this year has far exceeded any previous year so we feel that there is a good business outlook at the present time."

General Indications Are Good.

NORTHFIELD, VT., April 22.—The conditions in the slate industry here are very flattering. All of the operators report a good demand with the outlook even more flattering. Work has been resumed at the Vermont Black Slate Co.'s quarry and operations will soon begin at the Northfield Black Slate Co.'s quarry. The Paine Mountain Black Slate Co. is meeting with success in the sale of its rock. Appearances at this time indicate that the present summer will see the slate industry very materially advanced. Consequently the manufacturers are in good spirits.

The J. P. Donna Tile Co., of New York, N. Y., has been incorporated to manufacture and deal in slate, tile, marble, etc. The capital stock is \$5,000.00 and the incorporators are: Jos. P. Donna, Louis Pareti, Dominico Pareti and others, all of New York.

Construction

Let Us Build for the Future.

The recent dreadful catastrophes on the Pacific coast bring most forcibly to our mind the actual necessity for permanency in the construction of our buildings. The tendency is too often toward a disregard for this all-important feature. The age demands immediate and quick action and as a consequence our architects and contractors are forced to slight their work in too many instances.

While realizing the difficulty of constructing buildings to withstand seismic disturbances and fires, much more care can and should be devoted to the intricate details. The materials entering into our modern structures should be tested and the most scrutinizing care given to the manner of construction by our workmen.

It is true that the American people are impatient and expect almost impossible feats at the hands of the constructionists; their demands are often those of an inconsistent people and as a consequence our structures are frail to a degree.

A greater care then is necessary, not alone from our architects and contractors, but from our building departments as well, which should be in charge of competent and conscientious men. Issuing a permit for a structure should be deemed an important act, so carefully guarded as to exclude a possible doubt on the part of the building department. These are some of the features of modern construction which deserve our attention for upon the care and materials, not omitting the workmanship, depend the permanency of our twentieth century buildings. We are not building for our generation alone. We are now erecting structures which will stand in the ages to come, monuments to the people who shall follow in our footsteps.

The Frailty of Iron Structures.

There have been numerous complaints and objections lately in London with regard to iron construction for building purposes. These have come from some of the leading builders and architects in that city, and have been called forth by some recent disasters, when buildings so constructed collapsed.

Mr. Thomas Jackson, an authority on building construction, says: "The life of an iron structure exposed to the weather depends absolutely and solely on the thin skin of paint we put upon it, which is constantly perishing and must be constantly renewed. * * * Iron construction, it may safely be maintained, is still on its trial, and what has just happened may be, absit omen, the precursor of similar catastrophes. Continuing he adds that the house fronts of miles and miles of London streets are entirely carried on iron girders, and that they are not proof against the damps and fogs of London, to the ravages of which the iron girder is as susceptible as the human lung." Mr. Jackson also makes note of the general opinion that thirty years has been said to be the life of a girder, and concludes by saying that no architect who wishes his building to live will use iron or steel except for such minor matters as ties and bolts and plates and small girders to carry floors.

Some of the other objections raised against this form of construction are classed as follows: First, the changes in the metal itself brought about in the course of years, and second the corrosion arising from damp eating into joints, loosening rivets, as well as rusting the metal generally."

In the case of railway bridges there was a third cause of danger in the constant vibration. "If St. Paul's had been built of iron and steel, it would have disappeared long ago," said a leading architect. "I do not think there is any great danger in the case of those buildings where the iron or steel parts are built in and hermetically sealed. In these circumstances the metal seems to keep its strength. But the danger comes where the exterior is of metal."

One Cause for Accidents.

It is gratifying to note that our railroads are making considerable headway toward the betterment of their road beds and the construction of their whole systems. Accidents will always happen, the most careful safeguards to prevent them, at most can only reduce the number, and thereby minimize the danger to life and limb.

This is a step in the right direction, however, and one that can only have a salutary effect on the public mind. By properly ballasting the road beds with the best materials obtainable (preferably crushed rock) taking out the curves, using substantial ties and other details go far toward combating the dread railroad disaster.

We can recall instances where these precautions have been disregarded with fatal results. Even now, despite these frequent accidents, some roads seem to think that the improved condition of their road beds is of too small importance and should not command greater scrutiny. To eliminate the number of fatal and costly accidents it is necessary that this feature of railroad construction be given closer attention by the authorities.

Imposing New Club House.

SYRACUSE, N. Y., April 23.—The Syracuse members of the American Society of Mechanical Engineers, numbering nearly half a hundred, are interested in the erection of the Engineering Building and Engineers Club in New York City, both buildings being the gift of Andrew Carnegie, who provided \$1,500,000.00 for their erection and equipment.

Practically all of the engineers of the country are benefited by the gift, as the American Institute of Electrical Engineers, the American Society of Mechanical Engineers, the American Institute of Mining Engineers and the Engineers Club are included in Mr. Carnegie's plan. All Mr. Carnegie required of these bodies was to procure the site for the building.

The Engineering Building is on Thirty-ninth, between Fifth and Sixth avenues, the club house is directly back of this building, opening on Fortieth street and overlooking the new Public Library and Bryant park. The Engineers Club is a social organization.

This part of the building occupies a lot 50 by 100 feet in size. It is of white marble and Dutch red brick, with Corinthian pillars, and is twelve stories high. It is to be equipped with everything that goes with a modern club house. There are sixty-six bedrooms, with baths, and a great number of reception and dining rooms, a library, billiard rooms, and the like. Whitfield & King are the architects.

The site of the Engineering Building has a frontage of 125 feet and is 100 feet deep. Enough space is reserved around the building for a driveway. Hale & Rogers, with Henry G. Morse, associate, are doing this work. The building is thirteen stories high and built of limestone, the base and first story being deeply rusticated.

The first floor has an auditorium with a seating capacity of 1,000, and the assembly rooms and lecture halls are on the fifth and sixth floors. The library is on the thirteenth floor. All of the societies have room for their work, which is the advancement of science in general and of engineering in particular.

The American Society of Mechanical Engineers was organized in 1880, with Robert Thurston, then professor of mechanical engineering in Stevens Institute, as president. John E. Sweet, president of the Straight Line Engine Works of this city, was one of the founders and served as the third president from 1883 to 1884. Mr. Sweet has been honored on a number of occasions by the society. All of the organizations figuring in the Carnegie gift have members in Syracuse.

The Canadian Southern Railway has been incorporated to construct a road from Winnipeg, Man., to Galveston, Tex. The capital stock is \$50,000,000.00, and those interested are: E. H. Hill, Galveston, Tex.; P. E. Gilligan, Highmore, S. D.; A. P. Sawyer, Elias Jacobson and others of Pierre, S. D.

The Baltimore and Ohio Railroad Co. intend to spend \$3,750,000.00 in improvements in and about Pittsburgh. A new station in that city is to be erected at a cost of \$1,750,000.00. Other costly improvements are to be made in the near future.

The Clinton Construction Co., of Brooklyn, N. Y., has been organized to do construction and contracting for railroads, gas, electric works, etc. The capital stock is \$5,000.00. W. B. Mount, W. N. Benkart and W. J. Bognell are the incorporators.

The Eldenbel Construction Co., of Maine, has been incorporated at Olympia, Wash., with a capital stock of \$500,000.00. The incorporators are: Millard H. Baldwin, H. E. Mason, Jas. J. Herman, J. L. Brophy and Charles W. Burnnett.

The Henry P. Bougard Co., of Buffalo, N. Y., has been organized with a capital stock of \$100,000.00. The company will do building and mason work, paving, etc. Henry P. Bougard, Henry C. Bougard and William M. Bougard are the incorporators.

The Schmidt-Spierling Realty Co. has been incorporated at Jersey City, N. J., with \$125,000.00 capital stock. William F. Spierling, Oscar Schmidt, Charles Spierling, Walter Schmidt and Charles Dehm, are the incorporators. The company will deal in real estate, do contracting, building, etc.

The Grossman & Grossman Construction and Contracting Co. has been organized to do contracting, railroad building, etc. Those interested are: George J. and Matilda Prossman and Percival Huenstel, and the capital stock is \$5,000.00.

The Economy Paving and Construction Co., of Newark, N. J., has been organized with \$15,000.00 capital stock. The company will manufacture concrete stone, fire and waterproof materials, etc. Jas. H. Griffin, Cliff Side, N. J.; Chas. A. Makonosi and Jas. W. Lyon, of Newark, are the incorporators.

The New York Engineering Co., of Jersey City, N. J., has been organized to do contracting and construction engineering, etc. The capital stock is \$100,000.00, and those interested are: A. C. Ludlum, New York; Jas. C. Erving, Pittsburg, and Charles Schlegel, Jersey City.

The General Railway Construction Co. has been incorporated with a capital stock of \$100,000.00, at Brooklyn, N. Y. The organization will do general contracting. John L. Wells and T. L. Hughes, of New York, and William M. Parker, of Brooklyn, are the incorporators.

The Cumming Construction Co., of Montclair, N. J., has been organized with a capital stock of \$10,000.00. The company will do building, etc. Catherine F. Cumming, Montclair, N. J., and George E. Hyatt, Brooklyn, N. Y., are the incorporators.

The New York and Pennsylvania Construction Co., Jersey City, N. J., has been organized with a capital stock of \$100,000.00, to do general contracting. Franklin A. Wagner, Claude T. Thompson, New York, and Geo. W. Flaacke, of Jersey City, are the incorporators.

The Apartment Construction Co., of New York, N. Y., has been organized with a capital stock of \$25,000.00. The company will do a building and contracting business. Samuel and Henry Mandel and Jas. L. McCarthy are the incorporators.

The Gorsline & Swan Construction Co. has been organized at Rochester, N. Y., to do a general contracting business. The capital stock is \$10,000.00. Richard Gorsline, George L. Swan and Walter W. Powers are the incorporators.

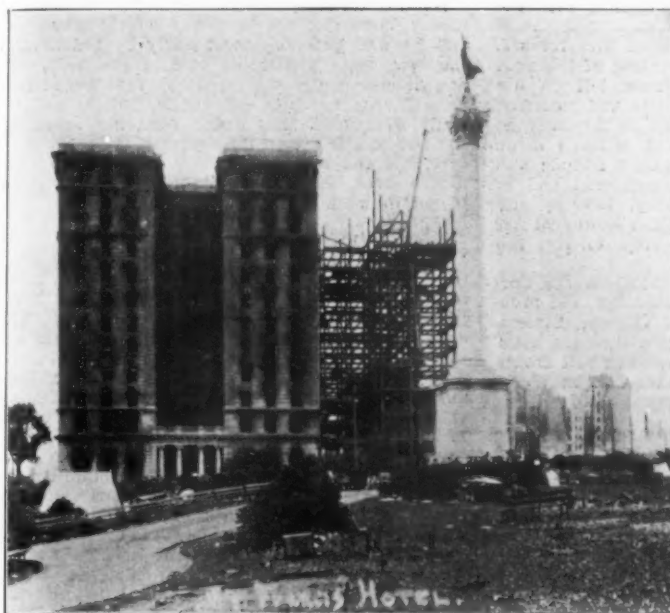
The James Maloy Construction Co., of Wilmington, Del., has been organized with a capital stock of \$150,000.00. The company will construct, equip, maintain and operate public works of all kinds.

The South Jersey Construction Co., has been organized at Camden, N. J., to do contracting and construction. The capital stock is \$100,000.00, and those interested are: O. M. Mattis and Rose-loom E. Mattis, Riverton, N. J., and W. S. Casselman, Camden, N. J.

The Freeport Realty and Construction Co. has been incorporated at New York, N. Y. The company will do building and contracting. Those interested are: Charles Tockwell, Harry Taubenblatt, Theodore Prince, Isidore Sabel and Milton Lehman. The capital stock is \$3,000.00.

The Hyde-McFarlin Co., has been organized at Buffalo, N. Y., with a capital stock of \$100,000.00. The company will do a general contracting business. The directors are: F. D. Hyde, New York; W. K. McFarlin, East Orange, N. J., J. M. Burke, Scranton, Pa.

THE DESTRUCTION OF SAN FRANCISCO.



CONDITION OF THE ST. FRANCIS HOTEL AFTER THE DISASTER.



DEMOLITION OF THE CELEBRATED CITY HALL WHICH COST APPROXIMATELY \$8,000,000.00.

Proud San Francisco, the metropolis of the golden west and beautiful gateway to the land of the stars and strips, lies in ruins. Unlike the destruction of Pompeii, announced by the fearful grumbings of old Vesuvius, or the burning of our own American city, Chicago, fair San Francisco's end came without the slightest warning of the approaching appalling catastrophe which has sent a thrill of horror over the entire civilized world. No prophet, no Pliny awakened the peacefully sleeping population to impending terrible disaster, but suddenly, with giant-like grasp and unbridled strength, some unseen hand seized and wrenched the very vitals of the earth, creating destruction heretofore unparalleled in the annals of history.

The first shock of the powerful earthquake was felt at 5.15 on the morning of April 18, just at the time when sleep was sweetest to the tired inhabitants of an industrious city. Chimneys fell crashing through roofs, furniture was tossed about in the houses, floors heaved like the decks of so many storm tossed vessels, and inhabitants ran terrified from their beds to the streets, trembling with fear, to be saddened by the awful scenes of suffering on every side. The first destruction was accomplished by the seismic shock or shocks which lasted for thirty-five seconds and caused rich and poor alike to be driven from their homes to mingle in groups of sufferers of a common calamity.

As if to add to the already horrible scene, fires started to blaze from the ruins in various parts of the city. Fire apparatus rushed pell-mell over

wreck and debris with clanging gongs and firemen ready to do their duty, but it was soon discovered that no water was to be obtained. Water mains had been broken by the violent eruption of the earth's crust, and the hungry flames fanned themselves into a seeming frenzy of fury, greedily eating their way farther and farther into the sections of magnificent buildings. Dynamite was used in large quantities and brave firemen, soldiers and volunteer workers rushed here and there blowing elegant structures into fragments in the hope of checking the flames in their mad onward rush. United States regulars and the state militia were despatched with all possible hurry from the nearby stations under a command from the ever ready Funston and their early arrival served to prevent much lawlessness and misery which would have otherwise prevailed.

The conflagration, probably by far the most serious part of the calamity, swept twenty-six miles of the city, destroying or badly damaging among all of the handsome structures of the city, the city hall, constructed at a cost of \$8,000,000.00, the great Palace Hotel, valued at \$7,000,000.00, the handsome sky-scraper, the Call building and the mammoth Mills building. In all, the money loss in San Francisco is estimated from \$200,000,000.00 to \$400,000,000.00, while insurance companies have risks to the amount of \$268,000,000.00, the payment of which will probably involve the ruin of some of the small companies.

San Francisco's population numbered more than 400,000 on the morning of the disaster and it is estimated that more than 100,000 fled to Oakland

and other nearby places the first day, while the rest, not so fortunate as to have homes, make the best of the situation by seeking refuge in the various public parks and the Presidio military reservation where they are fed with food dispensed to the homeless throngs through military authorities, and as many of the women and children as possible were sheltered under United States army tents, while others were found in various places sleeping in the open air.

Although San Francisco suffered greatest loss on account of the ravaging flames which swept the city, other coast towns met more disastrous results from the earthquake. The entire business section of San Jose was utterly destroyed with 19 lives lost and \$8,000,000.00 loss. In Santa Rosa a disastrous fire followed the work of the earthquake, costing about fifty lives. At the Agnews Insane Asylum, 117 inmates and nine officers and attendants were crushed to death. Besides these, many other towns of the state were badly shattered by the destroying power of earthquake and fire. The ROCK PRODUCTS correspondent was one of those who escaped from the thickest of the ruins and finally took refuge in Oakland. He will furnish more complete details in later issues of this paper.

The generous contributions of the entire American people have helped greatly to alleviate suffering and now with a courage born of the west, the citizens of stricken San Francisco smile through their tears and see visions of a city far greater, more beautiful, more sublime than the old town which will ever remain dear to the hearts of the great cosmopolitan population.



RUINS OF HIBERNIA BANK, RESULT OF THE EARTHQUAKE AND FIRE.



DESTRUCTION OF JAMES FLOOD BUILDING, ALSO LINCOLN GRAMMAR SCHOOL. X INDICATES PEDESTAL OF LINCOLN STATUE.

From Our Own Correspondents.

GREATER NEW YORK.

NEW YORK, N. Y., April 30.—Official records indicate that there has been an unexpected spurt in Bronx building operations during the close of the present month. In the past week plans were filed for ninety new buildings in this borough alone. During the last week of April, 1905, plans were filed for only forty-three buildings.

The cost of the buildings projected last week is estimated by their owners at \$822,190.00. This is within a few thousands of \$300,000.00 more than the new building record made during the closing week of April last year.

In the matter of buildings projected in 1906 the Bronx is in a fair way of overtaking Brooklyn. While the total number projected in the big borough across the river is considerably greater than in the Bronx, there is not a great difference in the total values, for during the past week the estimated cost of the buildings for which the plans were filed was only \$1,200,000.00.

The total value of buildings projected in the Bronx from the beginning of the year to date is, \$9,942,000.00. During the first four months of 1905, plans were filed for buildings to cost \$10,942,000.00. The number of structures projected thus far in the present year however, is 8,061, which is 151 more than during the corresponding period of last year. This indicates that there has been a check in the building of flats in the borough, and a decided increase in the number of small dwellings that are to be constructed during this year.

Carved Marble Font Not Durable.

In a decision by Judge Walte this month the board of general appraisers sustained a protest filed by the Holy Name church of Steubenville, Ohio, against the action of the collector of customs at Chicago in levying a 60 per cent duty on an elaborate font imported for the use of the society. The collector took the view that the font was a "manufacture of marble" and therefore dutiable, but the board finds that the treasury officials erred and should have returned the article as "statuary," which is on the free list.

Bronze Statuary Not Manufacture of Metal.

The board of United States general appraisers this month upset an old ruling regarding metal work. Hitherto it had been excluded from the category of "statuary," but the board now holds that a bronze statue by Angelo del Nero, as well as similar works, are to be classed as "statuary" under the Dingley law. The question was whether the article in controversy were to be levied upon as manufacture of marble or metal, under a duty of 45 or 50 per cent ad valorem, or as "statuary" under a duty of 15 per cent.

The decision is very long and yet very interesting, showing that the board went deeply into the question, but the main point, and the only one that we can give space to, was this: That the metal mass as it comes from the mould is no more a work of art, or a piece of finished sculpture, than is the block of marble that is roughly hewed out by the assistant and made ready for the sculptor himself. The board dwells upon the process of bronze casting and calls attention to the fact that it is rough and uncouth when fresh from the mould, full of seams, and protuberances that must be cut away and smoothed out, and they hold that "the quantity of hand work actually done by the sculptor on this metal statuary is as great, if not greater, than that done by the artist on the average marble statue."

This decision has given great satisfaction to sculptors and artists working in bronze, who have had the great mortification heretofore of seeing their work classed as manufactures of metal, because it was a casting, thereby ignoring the great amount of manual skill and work, and artistic labor and attention necessary to bring the rough lump of bronze into finished shape.

Revival of the Patched Statue Question.

Mr. Josiah C. Pumpelly, of Cathedral Heights, N. Y., has revived the subject of putting the head

of Seward on the body of Lincoln on the almost colossal statue that is at the northeast corner of Broadway and Twenty-third Street in Madison Square Park. He says that the records show that about 1870 a private fund was raised to erect a statue to Seward, and the committee as is so usual in these cases took to haggling with the sculptor over the price and insisted on a cheapening of the cost. The sculptor at first refused, but then finally yielded to the extent of taking a statue of Lincoln which had been left on his hands by a defaulting Western city and modeling thereon the head of Seward, and in this way he let the committee off easier and satisfied them. But it never satisfied Mr. Seward's friends and the complainant against it is perennial and of constant recurrence. Mr. Pumpelly closes by urging the Society of Sculptors and the Municipal Art Commission of the city to take steps to have the inposition removed.

A Brooklyn builder has bought from the Corporation Liquidating Co., of Manhattan, the property corner of Washington and Concord Streets, on which it is proposed to erect a six-story hotel with stores on the ground floor. The plot fronts 100 feet on Concord Street and 163 feet on Washington Street.

Nine Firms of Architects to Compete for Theatre.

The founders of the New York Theatre Co., of New York, which will be devoted solely to the development of art, the accumulation of an endowment fund, and the creation of a pension fund. The building will occupy 200 feet on Eighth Avenue, between Sixty-second and Sixty-third Streets, and 225 feet on Sixty-third Street. Nine firms of architects have been invited to submit plans, each competing firm to receive \$750.00 for its design, while the successful one will be remunerated on the basis of 6 per cent of the total cost of the work.

The Hotel Brunswick Site at Last to Be Built Upon.

Plans have been filed with the Building Department for the twelve-story office and mercantile building to be erected on the old Brunswick Hotel site at Fifth Avenue and Twenty-sixth to Twenty-seventh Streets. It will be a fireproof building fronting 197.6 feet on the avenue and 157.6 feet on either street, with a facade of limestone for the first two stories, and brick trimmed with terra cotta above. At the eighth and tenth stories the windows will be adorned with small balconies. The cost is estimated at \$1,200,000.00. The architects are F. H. Kimball and H. E. Dunne. Charles T. Willis has the contract.

New Jersey Will Erect a Monument.

The House at Trenton, N. J., on the 28th passed Senator Brown's bill which authorizes the erection of a monument on the battlefield of Monocacy, Md., to commemorate the services of the 14th N. J. Volunteers in that fight.

Will Remodel a Church.

Plans have been filed with the Building Department for the enlargement and remodeling of the Calvary M. E. church at Seventh Avenue and 129th Street. It will be made over into a four-story and basement edifice with a facade of brick and stone, in the Romanesque style, with a corner stone and spire, to cost over \$100,000.00.

Staff Statue Crumbles Away.

A pile of white dust and a few fragments of staff are all that remains of the heroic statue of Joliet which was taken from the World's Fair and set up at the entrance of O'Fallon Park, St. Louis, Mo. Without a warning creak the great image tottered and fell from its base Sunday afternoon in view of hundreds of pleasure seekers in the park.

Wanted it as a Souvenir.

Thieves stole the cornerstone of the North Pasadena, Cal., Methodist church one night recently. The stone weighs about 300 pounds, and contained coins and other small valuables worth probably \$10.00. The church was just completed a few days ago and is a large and expensive edifice. The corner stone was prized out of the building and removed entirely from the premises.

The Maker of the High Explosive Injured.

Prof. Wurtemburger was injured this month while experimenting in his laboratory in East Chester with his new explosive briefly mentioned in Rock Products two months ago as being twenty times more powerful than dynamite. At that time the Professor made a remarkable demonstration of its power before a number of interested

persons, and he thought that he had it perfected. But those who were backing him insisted that it was not yet ready for the market and would not be until it could be fired by electricity instead of by a fuse. It was while experimenting towards this end that the Professor was injured.

He was taken to a Mt. Vernon hospital where it was found that his ears were nearly burned off and he was generally most badly burned around the face, arms and upper part of the body. He has since partially recovered and it is hoped that he will soon be quite well again, but he will be badly disfigured. His ardor over his invention has not abated but on the contrary is keener than ever, and the last reports from the hospital were that he was chafing over his detention and eager to get to work at it again.

Stewart Building Sold for \$4,500,000.00.

Unusual interest attaches to the purchase from the Hilton estate of the Stewart building, at Broadway and Chambers Street, by Felix Iseman's syndicate for about \$4,500,000.00. The deal was negotiated by Leopold Well, who has put through some of the largest transactions in the city, notably that for the Macy property on Herald Square. The sale of the Stewart building ranks among the largest single transactions closed in New York City lately.

In recent years various city departments have occupied much space in the Stewart building—so much so that a plan has been frequently agitated providing for the purchase of the building and all of the adjoining property facing City Hall Park, as far east as the Hall of Records, as the site of the immense municipal office structure. The plan was indorsed by the Municipal Art Society, but no definite action toward the carrying out of this scheme has ever been taken.

The sale of the building to the Iseman syndicate illustrates the disadvantages under which the city labors in all such matters. The recent purchase was probably influenced by the belief that the city will still need the site. In this case it must pay a large profit—aside from the increase in value since the scheme was first mooted five or six years ago.

Speaks a Good Word for the Good Old Brick.

The New Jersey *Commerce and Finance*, in commenting editorially on the opinions of New Brunswick city officials on various kinds of paving, whose representatives spoke rather slightly of brick paving and favorably of a patented paving, had this to say: "We don't know just what ground the New Brunswick officials have for deprecating brick paving, nor why they were favorably impressed with the patented article. We do know, however, that no matter what material may be selected there are poor grades as well as good grades in all. A manufacturer of brick paving, for instance, may agree to supply a municipality with so many hundred thousand of his brick with which to lay a certain street. These brick may be first class paving brick and easily pass the specified tests. So far so good, but another contractor may be given the job of laying the brick and make a sorry mess of it, slighting it from every standpoint. Naturally such a paving won't give satisfaction."

The same condition may apply to any paving material. There is good brick and good asphalt; and bad brick and bad asphalt. But there is a scientific method of laying either that must not be neglected if a city doesn't want to pay out more in repairs in a year than the entire job originally cost.

In laying paving the first thing that should be done is to have the subgrade properly prepared, thoroughly rolled and all soft spots filled, so that it is uniform and solid. Then a proper foundation must be laid, the right kind of crushed stone, first grade cement and thoroughly washed, gritty sand used, and all other ingredients carefully selected, in order that the paving will prove substantial.

Cleveland, the best paved city in the United States, has most of its streets paved with brick. Some four hundred miles of brick-paved streets there have cost about \$4,000.00 for repairs in 18 years.

The writer but recently inspected several brick taken from a street in Terre Haute which had been laid sixteen years ago, and showed but slight wear. Where city officials are selecting paving material it should be borne in mind that the first cost is not the only thing to be considered, as extensive repairs frequently prove a heavy burden to a city.

On a Trip to the Home Quarries.

Mr. John Cross, the well known granite contractor of 27 East Twenty-first Street, is on a business trip to Vermont, and expects to be away about ten days.

These Piers Will Be Fireproof.

After the complete destruction by fire of the piers and steamship terminals of the North German Lloyd Co., in 1900, it was determined to build a structure and piers that would be as nearly fireproof as modern skill and knowledge could make them. At a recent meeting of the Insurance Society of New York, an address describing the new great terminals was delivered by Captain Walter F. Whittemore, the designer of the work.

He said in brief that the new construction embraces a bulkhead 900 feet long, surmounted by a steel and masonry superstructure two stories in height; the extension of three piers 900 feet long out at right angles to the bulkhead and the erection of two-story steel sheds on these piers. The frame work is of steel with stone concrete floors and fireproofing.

The bulkhead building is divided into five sections by heavy brick fire walls running to the roof, all openings in these walls being protected by double fireproof doors. The piers are similarly divided by double shell portions of one-quarter inch steel plate. Provisions against exposure to fire hazard, as well as immunity from breakage, indicated the advisability of using wire glass for glazing all windows and skylights in both bulkhead building and piers. All floors of the buildings are equipped with hose and nozzles connecting to the city water mains, and a complete system of fire alarms has been installed.

To Improve the Architectural Side of the City.

The Municipal Art Society has sent to the chairman of the aldermanic committee on buildings, a letter relating to the proposed revision of the city's building code, in which it is suggested that "in the composition of the new commission there be added to the experts in architecture and practical building, in engineering and in corporation law, at least two members who, by training and ability, are competent to give advice upon the questions of form and color which would inevitably arise."

Progress Hits a Conservative Old Landmark.

Plans have been filed for the enlargement and remodeling of the old Westminster Presbyterian church in West 23rd Street, adjoining the Chelsea apartments. The trustees purpose to erect a ten-story dormitory building of 100 feet frontage on the spacious open area in front of the present church and join the latter with the new edifice.

The basement of the new building will be fitted with social halls for the congregation, and the first and second stories will be used for the enlargement of the old church auditorium. The dormitory building will have nineteen chambers on each floor above the second. The new building is to cost \$175,000.00. This church was once gutted by a fire that a quarter of a century ago destroyed an armory which occupied the site of the Chelsea apartments.

Probably Organized By the Monumental Trade.

A universal memorial insurance society has just been started in Vienna, Austria. Its object is to enable any one to secure the erection of a monument to his own memory after death. Murderers, thieves and other criminals will not be accepted as members.

The company has acquired suitable sites which are divided into four classes, the fourth being for mural tablets only. Persons who are insured must supply annually short notices as to what they have been doing that is worthy of note. On the death of a member the company must be notified within twenty-four hours, when a committee will be summoned to decide upon the form and place of the memorial, which will be according to the amount of premiums paid in. A monument can not be claimed before the age of fifty years. If an insured person dies before he or she reaches that age the premiums paid in will be forfeited.

Will Use the Surplus Fund for a Monument.

Hon. James R. Howe, of Brooklyn, who served two terms in Congress from the Sixth district and afterwards was elected county clerk more than ten years ago, when that office was paid in fees, the Hon. James not being a dyed-in-the-wool politician, was simply swamped with fees, his business instincts began working; he did not know what to do with the money, it being more than he

ever earned before. At last he decided to allow himself a certain salary and the rest to be put away in a fund. He then goes to Albany and has a bill introduced and passed doing away with fees and making it a salaried office. Shortly after the Hon. James was retired to private life and is seldom heard of now, but that fund still bothered the Hon. James; he didn't know what to do with it. At last a thought struck him, he would do something noble, patriotic. He decided to donate an equestrian statue of George Washington to the Borough of Brooklyn to be erected on the plaza at the Brooklyn end of the Williamsburg bridge. The plans were therefore drawn by the well known architectural firm of Lord & Hewlett and the contract awarded to W. R. Arnold of Brooklyn. The die is 12 ft. by 9 ft. by 6 ft., the base and steps will be of Milford pink, while the die and cap will be of Mt. Airy, N. C., granite, on top of which will be a bronze figure of Washington on horseback. Mr. Arnold expects to finish the work by May 25, and it will be dedicated on Decoration Day with impressive ceremonies.

The Brooklyn Institute Work Progressing.

Mr. J. E. Dutton, of 42 East Twenty-third St., reports the business outlook as very good. He is just finishing up work on the Brooklyn Institute and expects to have it ready by May 20. He also has a lot of small work which he expects to have cleaned up before the first of the month.

The Excavators May Strike.

The long talked of strike of the Rockmen and Excavators' Union seems to be likely to be got under way at last. The union claims now to have a membership of 42,000. The rockmen are receiving \$2.25 and the excavators \$1.00 per day. The former demand 30 cents per hour and the latter 22c per hour. They have formulated their demand for this new wage scale and nine hours work per day, to go into effect May 1. As they are employed almost entirely on preliminary excavation they could tie up a lot of projected work.

The First Night and Day Bank.

The much talked of Night and Day bank opened its doors for business on Monday evening, April 30, 1906. It is an imposing white marble structure situated on the corner of Forty-fourth Street and Fifth Avenue, twelve stories high, with a frontage on Fifth Avenue, of 68 feet and on Forty-fourth Street of 105 feet. It is of steel skeleton construction and concrete foundation, the base steps and platforms being of Hollowell granite, while the two entire street fronts are of South Dover marble. The court and exposed side walls are faced with Chestnut Ridge pressed brick while the rest of the brick used in the building was ordinary brick. The entrance hall vestibule and walls of elevator lobby from the second floor to the eleventh are faced with Norwegian marble; the floors throughout the mosaic, and the corridors of the upper stories which are of Norwegian marble are seven feet high.

The interior of the bank proper and the safety deposit vaults are finished in Alabama marble. The lavatories are finished throughout in white Italian marble. The building complete cost about \$600,000.00. The architect was Henry Ives Cobb and the general contractors were V. J. Hedden Construction Co. B. A. and G. N. Williams furnished the granite and marble for the exterior work while R. C. Fisher & Co. furnished the marble for the interior work excepting the bank and safety deposit vaults, where the stone was furnished and the work done by Balteson & Elsie. The brick was furnished by the Empire Brick and Supply Co.

Have Secured the Contract for the Big Building.

J. V. Heddon & Son Construction Co. have secured the contract for the new office building to be built by the City Investment Co., at Broadway and Cortlandt Street. They also have secured the contract for the new Connecticut State Savings Bank at New Haven, Conn.

A Sixteen-Story Office Building on Fifth Avenue.

The Union Trust Co., as trustee for the estate of Laura C. Delano will build a sixteen story fireproof office building at Nos. 341 and 347 Fifth Avenue, opposite the Waldorf-Astoria. It will be 79 feet front and is to cost \$400,000.00.

Can They Withstand Earthquake Shocks?

The news from San Francisco has been of special interest to the big construction companies and engineers from some of the companies are on their way to the coast to inspect the condition of

the steel frame buildings. Mr. George Simpson, the chief engineer of the Thompson-Starret Co. is of the opinion that the big modern buildings in New York City, that is, the most recent of them, would withstand such earthquake shocks as those just felt in San Francisco. He says: "The East, and especially New York City, is far ahead of the West in the matter of thorough building construction. In the case of our New York modern buildings the steel frame work sets on a bed of concrete that has been built on top of solid rock formation."

Back From the Southern Marble Fields.

Mr. H. L. Brown, of 7 East Forty-second Street, has just returned from a trip to the Alabama Marble Quarries. He pronounces Alabama marble the finest in color and quality of any he has yet seen, and thinks it will be in great demand in the future for interior work. Mr. Brown says that work is about to begin on the new Union Square Bank. Emerson Troy white granite will be used in the exterior work. He is also furnishing the marble caps for the Newark Cathedral and also the marble for the interior work on a new building in this city now nearing completion.

Speaking about the prosperous conditions which now prevail and are apt to continue for another year on account of the large amount of government and private work already let, Mr. Brown stated that first it was thought that the principle inconvenience would come from an over demand for the raw material, but that is not the case; it is a lack of sufficient number of skilled mechanics. Stone cutters in particular are needed at all the quarries. Some quarries are advertising all over the country. The same conditions prevail in other lines and the highest wages are offered to all. This is one indication of the business activity going on all around us and as a result workmen are happy.

Waking Them Up in Washington, D. C.

Mr. Parker, president of the South Dover Marble Co., says that they have a tremendous amount of business on hand, and as a result they are shoving work on the new House office building in Washington, D. C., at a pace never before attempted on any government building. The outlook never was brighter in the building line than at present, and every one seems satisfied.

Two Enterprising Men Come Together.

Mr. Michael Cohen, of the St. James Building, has taken Mr. E. A. Ruche in with him, being unable to attend to his rapidly increasing business alone. Mr. Ruche was formerly in the granite business, and is very well and favorably known among the architects and builders in Greater New York. Mr. Ruche has made a most excellent connection and everyone wishes him the fullest success.

Will Move Across the Park.

Mr. F. L. Dickinson, of the Bedford Quarries Co., says that while they are waiting for stone shipments from the west, they are busy packing up, preparing to move on May 1st, to their new offices in the Metropolitan Building, 4th ave. and 24th street, city.

Mr. W. H. Kirkland, the slate dealer, of the Townsend Building, 1123 Broadway, has gone up to Vermont on a business trip and will return the later part of next week.

Some Practical Remarks on the Slate Business.

Mr. A. Wells, of 1123 Broadway, says that there is no change in the strike situation at the state quarries in the Bangor region as yet, although it is rumored that the men will all return to work before 15th. Mr. Wells complained bitterly about the railroad transportation facilities between the quarries and this market, one consignment of slate ordered some time ago and shipped promptly, has not reached him yet and cannot even be located along the route, this delay alone is holding back work on a big office building, which was expected to be opened on May 1.

Mr. Wells further stated that the slate business is a hard business. You have got to understand it thoroughly to make any money out of it, you can not carry it in stock like other stone. When you get an order you must quarry it at once, and work it while the sap is in it, otherwise it will not give satisfactory results, and you lose business thereby. There is a very active demand for slate so far this season, and with the labor troubles amicably settled at the quarries, the prospects are bright for a big season.

Soapstone Coming to the Front.

The Phoenix Soapstone Co., of Nelson Co., Virginia, who have offices at 7-9 Warren street, in charge of Mr. John E. Eastmond, the secretary and treasurer of the company, have at last got their quarry and mill thoroughly equipped and in good running order. Soapstone unlike other stone is not easily and cheaply quarried by any means, but this company has been going along quietly for the past two years, more interested in perfecting its plant than in getting orders, so that now they are prepared to handle all the orders they can get. Up to recently they have been doing a lot of special work, but having both the hard and soft soapstone, the soft they are going to use for laundry tubs, etc., while the hard being free from iron, is in good demand for lavatories, baths and various other kinds of interior work.

In this age of fireproof dwellings, flats and apartments, this stone should not be overlooked, as it is acid proof, fire resisting, non-conducting and sanitary.

At their office they have a large laundry tub built of their stone with wooden covers, which they are exhibiting to their customers and explaining the enduring qualities of the material.

Broncho Channeller for Slate Quarries.

Mr. Wise, of Ingersoll-Rand Co., 11 Broadway, reports the sale of a Broncho Channeller to the Bangor Central Quarry Co., of Bangor, Pa. Mr. Wise says that this is the only machine for slate quarries, as it meets all and every requirement. They have also shipped two of their latest improved undercutting channellers to a quarry in Virginia, last week. The Broncho and improved undercutting channellers are built in six different sizes and styles, and are adapted for all kinds of quarry work. In addition to those mentioned above, they have sent a machine to Knoxville, Tenn., to the marble region, and another to a quarry in New York state.

Speaking on conditions throughout the quarrying regions, where he has been, Mr. Wise said that the slate strike was still on in Bangor and vicinity, but that he thought it would be settled satisfactorily to both sides in a day or so. The demand for slate to-day is greater than ever, in fact they are not getting it out fast enough. Marble and sandstone or Indiana limestone is also in good demand and all quarries seem to be busy. As I was leaving, Mr. Wise informed me that two of their big Broncho channellers are in use cutting down the wall for the big Pennsylvania station at 7th ave. to 9th ave., 31st to 33d streets.

Big Call for Wire Rope.

Mr. Moon, of Macomber-Whyte-Moon Co., of 124 Center street, reports business as very brisk at their western factory. The quarries opening up for the season here created a big demand for their wire rope. A very big spring business in the wire rope line is anticipated.

Brick From the West.

Mr. Weightman, of the Ingersoll-Rand Co., 11 Broadway, has just returned from a three weeks trip to the central west. In the interest of his company and incidentally seeking health and pleasure, if appearances go for anything, he was successful in all three. He will be kept busy for the next week, cleaning up the work that has accumulated in his absence.

Some Publications Full of Information.

The Ingersoll-Rand Co., 11 Broadway, has issued "Bulletin No. 2006", devoted to the "Imperial" pneumatic hammers. Photographs are given of each type of hammer with a clear and concise description of each. The various parts are listed and illustrated in a very clear and comprehensive way so that a new part can be ordered with absolute certainty. On page 10 is some practical advice as to their care.

Pamphlet "74-A" treats of their compressed air pumping systems and gives a variety of detailed information on the subject. Its advantages are clearly set forth and the cost of running the system is very minutely described. The Pneumatic Displacement Pump is sold under a guarantee, the very liberal terms of which are given on page 16. Form "35-D" embraces the Ingersoll-Rand Air and Gas Compressors, and does no more than merely sketch several of the many classes of their compressors. But the photographs and the descriptions are so clear that a prospective purchaser will get a full and exact idea of what he wants, and can then get fuller details from the company's nearest office, in separate pamphlets.

SYRACUSE, N. Y.

SYRACUSE, N. Y., May 1.—Many buildings are to be erected here this season, among them being the following: John Lyman Memorial Hall of Natural History, \$200,000.00; Sims dormitory for Men, \$180,000.00; Carnegie Library, \$150,000.00, all of Syracuse University. State Armory, \$175,000.00; Homeopathic Hospital, \$80,000.00; South Presbyterian church, \$60,000.00; Pavilion for women and children hospital, \$50,000.00; O. M. Edward's factory, \$50,000.00; Rosenbloom building, \$50,000.00; Church of Assumption Convent, \$50,000.00; Delaware, Lackawanna & Western R. R., roundhouse, \$45,000.00, and shop, \$8,000.00; First Universalist Church, \$40,000.00; Rapid Transit power house, \$25,000.00; Daniel O'Brien apartments, \$15,000.00; Mrs. Andrew Telfer apartments, \$15,000.00; William H. McCarthy stores, \$15,000.00; A. F. Weymer Co. factory, \$10,000.00.

C. Linehan & Son, monument dealers, installed a five tool pneumatic plant, which is giving satisfaction. They report that freight rates from Barre have been raised from 20 to 24½ cents a hundred. Business which is naturally quiet in the monument line in the winter, has now begun to pick up and work is plentiful.

Conrad Arnold, of 903 Montgomery Street, recently placed a large order for marble with the Gouverneur Marble Co., at Gouverneur, N. Y., to be used in the construction of a dormitory at Syracuse University. The walls of the dormitory to the top of the first story, will be constructed of Gouverneur marble and the remainder of terra cotta. Mr. Arnold says there is a big demand in this location for a marble turned out by the Gouverneur, St. Lawrence and other quarries in Northern New York. Only the top marble of these quarries is used for monuments. Mr. Arnold says this marble is the next thing to granite.

A number of men who have been working in the Northern New York quarries are now employed here in the stone quarries. All are union men and receive 50 cents an hour for their work.

The quarries of Patrick McElroy and John Kelly, at the Indian Reservation, have started up and are running with a force composed largely of Indians.

Charles Thomas is cutting limestone taken from the Indian Reservation for the improvement of the estate Mrs. S. Montgomery Roosevelt, at Skaneateles. He will make a terrace balustrade and steps and the outside of a pool, the bottom of which will be of cement. Mrs. Roosevelt is a relative of the President.

One of the large contracts to be let soon is the basement of the new armory building here. The basement will be of Onondaga limestone and the superstructure of Indiana limestone, and the body of the building of brick.

Rupert A. Fairbairn, representing the Harrison Supply Co., marble and granite polishers' supplies, was a recent visitor. He says that business is quite good throughout the region where he has traveled. The monument dealers seem to be prosperous as is illustrated by the experience of a Providence, R. I. dealer, who used some of his spare time during the winter to cut a monument for his own lot. Along came a customer who liked the monument and would have nothing else, even though the dealer's name had been cut on the stone and the result was, that the dealer had to take off his own name and fix it over for his customer.

Delaney & Soule, of 351 S. Warren Street, are the only firm in Central New York doing work in statuary, modeling, portrait and medallion. They execute in Westerley, Quincy, Barre and other standard granites. They have pneumatic tools and up-to-date equipment.

The weather of the past few weeks has enabled builders to make rapid progress, some delay has been caused on account of lack of structural steel, this having delayed the building of L. C. Smith college, at Syracuse University. Rapid progress is now being made.

In the last issue of the Syracuse Chamber of Commerce bulletin, appears the following:

"Stone and Clay products . . . We claim that Syracuse is surrounded by quarries yielding an unlimited supply of Onondaga limestone, for building and for the manufacture of lime. It has extensive marl beds for the manufacture of plaster and extensive beds of clay for the manufacture of pottery, brick and tile. Nearby are sand beds for the manufacture of glass."

The directors of the recently organized Northern Builders Supply Co., at Carthage, N. Y., have chosen the following officers: President, Warley Gifford, vice president, S. J. Gifford, secretary and treasurer, C. W. Shaffer. The company was organized with a capital of \$30,000.00, to do a wholesale and retail handling of all builder's materials and supplies.

The extensive quarries of the James Behan estate located about fifteen miles from Syracuse will turn out this spring a large amount of crushed stone, building stone and other products.

Attorney Frank Sargent and others who bought a quarry near Cicero on the line of the Syracuse and South Bay railroad, will probably not have their property in operation this season on account of the failure of the road just before it was completed. It is expected that it will take all summer to straighten out the financial tangle into which things have been precipitated.

Charles Thomas is doing a rushing business at his stone yards in Taylor street, handling and cutting Indiana limestone, Onondaga limestone, granite marble, Ohio sandstone and other building materials. He is doing a good business in marble from the northern New York quarries and is agent for the products of the Gouverneur Marble Co., the Empire Marble Co. and the St. Lawrence Marble Co.

The Rock Cut Stone Co. will operate the Jamesville quarries this season.

THE NORTHWEST.

MINNEAPOLIS, MINN., April 26.—The building season for this section of the country is well inaugurated and bids fair to be as good as ever experienced here. While prices and materials are high and firm in price, the intending builders seem to have ample funds for their wants, and are willing to pay the prices ruling. It is one of the indications of prosperity that there is less dicker-ing and figuring for prices than when times are less prosperous.

General construction in all lines is showing a firm desire to use good materials. Less of cheap and more of good solid structures, of stone, brick, concrete and other materials, are being erected than ever before.

The Western Granite Co., of St. Cloud, Minn., will furnish cut stone for the new main building for the state university at Minneapolis, amounting to \$30,000.00.

The Sullivan Monument Co., of Minneapolis, is putting up a large monument at Lakewood cemetery, Minneapolis, this spring, on the Wells-Carpenter lot. It is of New England cut polished and carved granite, and will weigh seventeen tons. The company has the contract to make and set up a handsome soldiers' monument at Lisbon, N. D., which will be put in position this spring.

M. J. Sullivan, president of the J. M. Sullivan Monument Co., Minneapolis, was suddenly taken ill in Chicago last month. After undergoing an operation he slowly recovered, and is now at home in Minneapolis, and nearly convalescent.

Work has been resumed in the construction of the water power dam at Taylors' Falls, Minn., for Stone & Webster, of Boston. It will include some very heavy concrete and stone work. Power houses are to be built and equipped.

Fowler M. E. congregation, on Lowry Hill, is having plans prepared by Harry W. Jones, architect, for a modern church to cost \$50,000.00. Figures will soon be taken for its construction.

The contract for the construction of the Bovey building at Fifth street and Second avenue North, has been awarded to the Prince Construction Co. The building will be 70 x 77, five stories high. The building up to the waterable will be of Marquette Raindrop sandstone, and the stone trimming for the remainder will be Port Wine sandstone. The St. Louis Hydraulic Co. will furnish pressed brick for the exterior walls. The Marquette Portland Cement Co. will furnish 2,500 barrels of Portland cement.

M. A. Knapp will erect a modern pressed brick building with cut stone trimmings, at 2337 Central avenue. It will be three stories, 52 x 92 feet in size, and will cost \$18,000.00.

Fremont D. Orff, architect, has completed plans for a brick and cut stone school building for Welcome, Minn., to contain eight rooms. It will cost \$14,000.00.

The J. R. Clark Co. is erecting an addition to its box factory on Aldrich and Second avenues North. It will be two stories, 60 x 80 feet, of brick and cut stone. Cost \$17,000.00. J. L. Robinson is the general contractor.

CHICAGO, ILL.

Anton Knoblauch has had plans prepared by F. B. & L. L. Long, architects, for a brick building to be erected on Nicolet avenue near Eighth street. It will be two stories, of pressed brick and cut stone, costing about \$15,000.00.

An addition will be erected to the Rosedale school at Forty-second and Blaisdell avenue to cost \$20,000.00, and one to the Lake Harriet school to cost \$25,000.00. E. S. Stebbins is architect for the public school work.

Kees & Colburn, architects, have completed plans for remodeling the five story block at 240-242 First avenue South, for Jacob Barge, to be fitted for hotel use. The alterations will include making the building fireproof. Cost about \$45,000.00. This building has been the cause of considerable discussion, as a permit has been passed by the council to allow the building to be used for a hotel, although the building regulations of the city would not permit it on the plans originally prepared. Some changes have been made in the plans toward greater safety and security.

The local aerie of the Fraternal Order of Eagles has named a committee to have in charge the arrangements for the erection of a hall building to cost complete, \$50,000.00. Joseph Cohen is chairman of the committee.

The McCulloch, Kuhn & Atkinson Co. has let a contract to J. L. Robinson for the erection of a brick and stone warehouse at 206-16 Seventh street Northeast. Cost \$14,000.00.

Bell & Detweiler, architects, have plans completed for a modern hospital building to be erected at Brookings, S. D. It will be of pressed brick and cut stone. Cost \$12,000.00.

The commercial travelers of the Northwest, have under consideration the erection of a modern hotel building in Minneapolis, to cost \$750,000.00 to \$1,000,000.00. The project is not under the auspices of any organized body, but is proposed for an investment for commercial travelers generally. A company is to be formed and arrangements made for its erection, as soon as it appears that the traveling men take sufficient interest in the plan. So far the indications are strongly in favor of the plan going through. Several sites in the downtown and wholesale district have been tendered and are under consideration. No plans have been submitted, but this will be taken up shortly. The city is lacking in first-class hotels, and it is believed that a new fireproof building would command a good patronage from the start. Henry K. Richardson, of the Grimsrud Shoe Co., is the promoter of the project.

The Central Supply Co. will erect a modern fireproof construction warehouse to replace its burned building. It will be 66 x 155, six stories. Cost \$75,000.00.

SAINTLY CITY BUILDING.

R. E. Cobb, the well-known St. Paul commission merchant, contemplates erecting a modern cold storage warehouse at 166 West Third street, five stories, brick and cut stone, to cost \$60,000.00.

The St. Paul Foundry Co. is erecting an addition to its plant, to cost \$15,000.00. It will be of brick and cut stone, 80 x 107.

The Great Northern Railway Co. will erect an annex to its general office building, to be erected across the street from the present structure. It will be an elaborate building, to correspond with the present building.

The plans for the new building for the Young Men's Christian association will be ready for figures about the first of June. Clarence H. Johnston, architect.

The largest wholesale warehouse in the Northwest is now in course of planning. Harry W. Jones being the architect. T. B. Walker, the Minneapolis millionaire, will erect a building to be occupied as a northwestern branch by Butler Bros., the Chicago jobbing firm. It will be eight stories with high basement, 170x350 feet in size, of heavy mill construction. Cost complete, \$550,000.00.

A. F. Guager, the architect, has plans for a modern solid stone residence to be erected for A. J. Krank. It will be 32 x 50 feet in size, using stone from Red Wing, Minn., and tile roof. It will cost \$12,000.00. It is exceptional to have stone from Red Wing brought into the Twin Cities.

CHICAGO, ILL., April 30.—[Inquiries among the stone men develop, in some respects, an anomalous situation. All the large stone yards in the city are busy, and seem to have about all they can do. The smaller yards are also active, but those among them who have not secured new contracts, report the condition of things as only moderately active.

The prospective condition of the building activity which promised to be very large some few weeks ago has not fully come up to the expectations of some of the cut stone men.

In the great business section of the city there has been no let up in pushing to completion large buildings and several new projects are now under way which will result in the erection of quite a number of tall buildings. Taking in the situation all around, nearly all the stone and building material men are well satisfied with the season and see no special reason why there should be any serious halt in any building operations. The cost at the present time of erecting any tall structures in the down town district is simply enormous or account of the high prices of all building materials, added to which is the high price of labor.

John Rawle Stone Co., 609 Chamber of Commerce, is one of the best known dealers in Bedford stone in the city and says that since the season opened they have been busy and had about all the work and orders that they could well attend to. Bedford stone seems to be the favorite material in the construction of buildings by the majority of builders. A representative of the firm says that they have orders on hand and contracts entered into, which will keep them busy until the end of the season.

Thomas B. Ray, president of the Central Oolitic Stone Co., 1211 Chamber of Commerce, has just returned from Bloomington, where he has been looking over the interests of his company there. Mr. Ray says that the outlook is good and they have enough work on hand to keep them busy all the season.

Mahan & Co., 908 Chamber of Commerce, handle Indiana Oolitic stone. Mr. Mahan says that he is a little disappointed over the business situation as it exists at the present time. He says that the business so far this season has not been as good as it was this time last year. Mr. Mahan says they are busy, however, but orders have not come up to the expectations of his firm.

W. McMillan & Son, 315 Chamber of Commerce, one of the best known firms dealing in Bedford stone in this city, are very busy at the present time.

The Portage Entry Quarries Co., 501 Chamber of Commerce, are largely interested in some valuable stone quarries in Wisconsin. They handle largely Portage red sand stone and Marquette rain drop and have pushed these two varieties of stone with deserved success, as a good deal of it is being used here at this time. Their quarries are easily accessible and practically inexhaustible. All of their quarries in Wisconsin are extremely busy and are working a full force of hands in order to get out stone to fill their contracts. The firm is exceedingly well pleased with the present situation and have enough orders and contracts on hand to keep all their men employed during the remainder of the season.

The Young Stone Co., 305 Chamber of Commerce, are extensive dealers in stone. They have four yards in this city, employing a full force of hands at each and have all they can attend to at the present time, but say that business is not as good as last year.

The Producers Supply Co., 418 Chamber of Commerce, report that the demand for crushed stone this season is beyond all expectations and while crushed stone is being turned out in enormous quantities, the supply furnished is not sufficient to keep pace with the growing demand.

The Wisconsin Granite Co., 520 Chamber of Commerce, reports business moving along nicely. They are having a large demand from builders in this city and at other points for their granite. They are working a full force of men at all their quarries and say business is exceptionally good.

The J. H. Anderson Granite Co., 423 Chamber of Commerce, report business as fully up to their expectations, considering that competition among granite men and dealers is exceedingly close. Some granite dealers are supplying their custo-

mers with granite required for special purposes at prices nearly as low as the cost of production. Mr. Anderson has built up a large business for monuments, mausoleums and headstones.

The Western Consolidated Granite Co. report business good and prospects the best. The demand for granite is constantly growing.

Richard V. Storer, a dealer in granite, with offices in the Tacoma Building, reports the granite situation satisfactory in most respects with a demand from builders steadily increasing.

The Vermont Marble Co., 570 North Water Street, report business in their line as good and prospects alright. Some stocks of marble which had run low during the close of last season are being rapidly replenished and by the close of the season it is anticipated stocks will be so much enlarged as to meet all demands.

M. Kealing & Sons, 224-226 Washington Street, report the marble industry as in a successful stage of progress. The demands so far this season have been unusually large as they have many expensive buildings now in the course of erection and are using a good deal of expensive marble for stairways and other ornamental purposes.

The Old Davidson Yards at the foot of Orleans Street, report business in monuments and marble for ornamental purposes as good, and the proprietors say they have no fault to find with the present situation.

MEMPHIS AND THE SOUTHWEST.

MEMPHIS, TENN., May 1.—The stone and marble importers and domestic product manufacturers in Memphis and the territory southwest of here are developing a nice business. Municipalities are beautifying their towns. Organizations are commemorating persons and events in marble. Homes to withstand the ages are being built of stone or with stone foundations.

Morris & Co., South Main Street, have been making large importations of Italian marble in their monumental department.

The Mosaic Co., 330 Poplar Street, this city, have built up a large trade in tile and marble work for many new homes going up in Memphis.

The Hudson Stone Co. has purchased the local yards and business of the Chickasaw Stone Co., at Broadway and Walnut Streets, this city, and will continue to furnish stone for concrete work and railroad ballast. The company will handle the entire output of the Chickasaw Stone Co., which has a crushing plant at Imboden, Ark.

Other Points.

Articles of incorporation have been filed in Arkansas for the Mirror Marble Co., showing a capital stock of \$50,000.00, with \$40,000.00 subscribed. The company proposes to operate a mine on Hensen creek, Newton county, but its offices will be at Jasper and Harrison, Ark. The incorporators are: William Temple Allen, Silas W. Gardiner and J. A. Murphy.

The Ruggles Granite Co., of Granite, I. T., has closed a large contract with the Rock Island Railroad company for three hundred cars of granite for bridge work and broken granite for rip rap work. This is probably the largest granite contract ever let in the territory. This company also has contracts for granite used in the Catholic Cathedral at Wichita, Kas.; the Enid Court House at Enid, O. T., and the Mangum court house. The company is now putting in a large polishing plant in connection with the quarry at Granite.

The Cherryvale Marble Works, at Cherryvale, Kas., turned out \$12,000.00 worth of work last year. April a year ago, C. W. Randolph purchased the interest of J. R. Bell in this company and has since been the sole owner. The Cherryvale yard has under its new ownership been making a high reputation. The establishment turns out monuments, all classes of cemetery work and trimmings for buildings.

The Oklahoma Oolitic Stone Co., of Oklahoma City, has filed notice of increase of capital from \$100,000.00 to \$1,000,000.00.

At Oklahoma City, St. Luke's Methodist Episcopal church is to have a new building. The same will be erected at a cost of \$30,000.00. The building will be trimmed with sawed stone or granite from Granite, Oklahoma.

The Central Methodist church, to be built at Hot Springs, Ark., at a cost of \$50,000.00, will be of stone and the board is now in such financial condition that the completion of the structure without delay is assured.

NASHVILLE AND THE SOUTHEAST.

NASHVILLE, TENN., May 1.—The cut stone and marble interests of Nashville, Knoxville and Southeastern points are finding an active business this spring. Large shipments are going from the Tennessee quarries to points throughout the union. Many government buildings are being adorned with Tennessee marble and the monumental branch of the business keeps pace with the other activity.

Here in Nashville there will be a large consumption of marble and stone in the Mecklenburg building, the second sky scraper for this city. This will be a very commodious twelve-story building at the corner of Union Street and Third Avenue. The building will contain 435 offices. The Mecklenburg was projected by Major E. B. Stahlman, publisher of the Nashville Banner, who is president of the Mecklenburg company.

The Foster-Herbert Cut Stone Co., 239 Fourth Avenue, North, are doing a large business among the building trades. The many residential subdivisions being laid out, contemplate considerable stone work as a part, and this firm in common with other large stone concerns in Nashville is doing a rush business.

W. E. Jordan & Co., who do monument and stone work and who are located on Broad Street, are also busy.

John Oman's stone working establishment in the southern part of town is full of orders and a large force of workers are kept busy on extra hours. Much of the stone found at this place comes from Kentucky and Indiana.

An amended charter has been granted to the Maury County Blue Phosphate Co. for the purpose of increasing their capital stock from \$125,000.00 to \$250,000.00.

From Knoxville several cars of marble for the New York Custom House have just gone forth. Each car contained but a single large block. All of the exterior and a great deal of this building's interior is of grey marble from Knoxville. This important government building will cost the United States when completed over \$10,000,000.00. All of the marble blocks are shipped from Knoxville in the rough and the finishing work is done in the East. Probably no building in New York will be more imposing than this building in which Tennessee gray marble will stand showing its adaptability more than any other stone that is used in New York.

LOUISVILLE, KY.

LOUISVILLE, KY., May 2.—The general outlook continues most favorable in this city. The numerous large structures under way have made notable progress during the past month owing to the favorable weather, and before the close of the season we will have marked another era of progress unsurpassed in the city's history. When it is considered during 1905 Louisville led all the cities in the United States in percentage of increase in building operations, she has a record of which she should be justly proud. Over seven and a quarter millions of dollars were expended during the past year for building operations all of which were for business and residence purposes.

One point of more than ordinary interest is the number and size of office structures being erected here during the past year or more. This is one of the best evidences of the city's increased business, as the offices are rapidly occupied when the buildings are completed. Of course there is a large number of manufacturing plants being erected here continually, which will do much toward increasing the business and population of the city as well as increasing its wealth.

The latest rumor in regard to building operations here is the erection of a large office structure, to cost in the neighborhood of three hundred thousand dollars, to be erected at the corner of Fifth and Jefferson Streets. This has not taken definite form as yet, however, and may not do so for several months, but we have every reason to believe it will materialize before the season is over.

Preparations are now under way for the celebration as what will be known as "Home Coming Week." This will begin about the 13th of June and promises to attract not only numerous wandering Kentuckians throughout the country, but will also do much towards advertising the

city itself to prospective manufacturers and residents, as it will demonstrate in the most forcible manner its advantages in a business way and much good will likely come of it.

The Peter & Melcher Steam Stone Works have progressed so far with improvements at their new plant at Logan and Rupp Streets, that they will be operating a portion of their new plant in a day or so. Mr. Ed Peter said that they had all the work that they could take care of and they were anxious to complete their improvements so they would be better prepared to take care of their large orders. In monumental lines, they had all they could handle in the way of orders, and had recently sold a number of very costly jobs. In fact, during March and April their business has been exceptionally satisfactory, and from present indications would continue so during the remainder of this season.

John Diebold & Sons, the well known cut stone operators, find themselves still busy with orders numerous enough to keep their large plant working full force. Mr. Andrew Diebold expressed himself as believing that this would be the largest year in the history of their business. He has been figuring on a number of important contracts and said that he would be very much disappointed if his hopes were not realized, as indications now pointed to a year of great activity. This plant was established a great many years ago, by John Diebold, who still takes an active interest in the operation of the plant, assisted by his four sons. His plant has grown from a small one in size to one of the largest in the city.

At the Muldoon's Monuments Co.'s establishment, Mr. Knoble said that their orders during the past month had been quite numerous and they were now enjoying one of the most active seasons for some time. This is the monument men's active season, and just prior to Memorial day the orders are nearly always largest than at any other time during the year. Of course with concerns the size of this organization there is little work which might be strictly called Memorial day orders, but they always notice a larger demand for work of a higher grade, and are certainly receiving their share of orders this Spring.

Mr. J. S. Clark, of the J. S. Clark Monument Co., said that he had all the orders he could conveniently take care of, and was continually shipping out stock from his warehouses and replacing it by jobs directly from the quarries. He had recently sold a number of contracts of more than ordinary size and attractiveness, and believed that the present year would be one of great profit to the monument men in general. They just recently received a nice order from the far south which was, judging from the design, more than of ordinary beauty. Mr. Clark takes great interest in making artistic designs and it is always a pleasure for him to sell a customer a job that for artistical appearance is something above the ordinary designs.

Joseph H. Peter & Co., have an attractive monumental warehouse at 927 East Broadway, and Mr. Whetstein said their business for April had been the largest they had ever done in their history. The prospects were just as encouraging for the present month and consequently he felt in good spirits over the outlook. They carry a full line of Barre and Quincy stock and have at the present time a number of nice jobs in their warehouses. They have a modern pneumatic tool plant and finish lots of their work, including carving and lettering, right at their plant.

Joseph H. Gernert, whose monumental plant is located at 648 E. Jefferson Street, carries a nice line of granite monuments and has a neat warehouse at the above location. He expressed himself as being very much pleased with the business he was doing at the present time and said he had more orders than he could reasonably take care of. The general outlook is encouraging and he expected to have one of the largest seasons he has ever had in his business experience.

The Peter & Burghard Stone Co. report that the work on their new plant is progressing nicely, and they expect to have it in full operation about the last of June. They are now enjoying an exceptionally good trade in both monumental and building stone, and are running full force.

They have secured the cut stone for a church at Cleveland, Ohio, and say that the outlook for cut stone is very bright.

PLEASANT CHICAGO STONE FOLKS.

Mr. A. E. Dickinson, manager of the Bedford Quarries Co., spent a good deal of time this past month at Bedford in getting orders well in hand. Their Oolitic quarries are loaded to the guards with business as well as their Ohio Sandstone Quarries Co., who have their new plant practically complete and sandstone from this quarry is being shipped everywhere. Treasurer Smith, of this company, says they never had so much business at this time of the year and prospects were very bright for a large business if they can give their orders the same attention that has always been their custom. Among the recent sales of this company at New York was the Boreal building, which is the twin of the Trinity building, recently completed. They have taken about 250,000 ft. and 150,000 ft. is to go into the New York Central terminals, which will no doubt use considerably more Bedford stone during the year. Speaking of the Amherst mill and their new improvements, Mr. Smith said the new C and C motors were being placed and the machines would be operated separately by electricity.

The wire rope used in building the new court house is to be all white strand.

The Macomber, Whyte, Storey brand, The persuasive Hugh knows how to lead the band.

Where rope is needed that will not expand.

Near the Quarry.

While out near the Dark Hollow quarry the other day there was a wreck. The tender took a notion to run in a cut instead of on the rails and as this was a work train going to the quarry in the morning, and carrying many of the workmen as well as Captain D. McL. McKay, of the Consolidated Quarries Co., there was quite a scramble as the train piled up. Among these 30 or 40 quarrymen who were trying to stand on their heads was the general manager. Fortunately all came through the wreck without any difficulty, but the Captain now believes that he is a regular Samson after being able to hold up thirty men at a time.

Quarrymen's Five o'Clock Tea.

When in Chicago one of the pleasures of the day's journey is a half hour at the Club, located in Storey alley. The chief of this Club is one Joe Fry, who, by the way, is one of the cleverest of his kind. Among those who attend this tea are Henry Furst, William Kerber, D. McL. McKay, Charles Walters, Hugh Storey and Mr. Leonard, of the Giant Stone Co. This Club is offered by D. McL. McKay, president; Hugh Storey, vice president and chairman of the House Committee; Henry Furst, secretary, and Billy Kerber, treasurer. The writer and the rest of the fellows are all on the Water Wagon Committee.

New Southern Granite Company.

WINSTON-SALEM, N. C., April 17.—The Consolidated Granite Co. has been incorporated with the principal offices and plant at this place. The capital stock is \$150,000.00, fully paid up. The officers are as follows: Wm. A. Blair, president; Lachlin McGalliard, vice president; G. W. Patterson, secretary-treasurer, and C. A. McGalliard, superintendent.

The new incorporation takes over the business of C. A. McGalliard & Sons. The established firm has for a number of years quarried and finished pearl blue granite for monumental and decorative purposes, also working the celebrated Mt. Airy granite. The company owns the quarry of pearl blue granite in Rowan County and has a long term lease on the remainder of its quarry supply.

The equipment of the cutting shed will be largely improved in the near future by the addition of a great deal of improved machinery. The granite produced by the company offers a splendid material for interior and decorative purposes, as it is uniformly spotted and presents a very unique appearance and since it can be quarried in almost any length and breadth, offers at a reasonable price a first class decorative stone to the architects and builders.

Mr. George W. Patterson, who is the secretary-treasurer and general manager of the Consolidated Granite Co., has resigned his position as publicity manager of the J. R. Reynolds Tobacco Co., and will push the granite business. It is a well known fact that all that was holding the granite industry back was the lack of capital and modern business organization.

Marble

GEORGIA MARBLE

Highest Standard for Interior Finish and Decorative Construction.

GREAT MONUMENTAL STONE.

The future of Georgia marble is most secure. It has stood all the tests to which it has been subjected and has always come out with flying colors. As is well known the first process of disintegration of all stone is absorption. Stone or marble that will not absorb liquids can not disintegrate or decompose in any climate. About fifty miles from Atlanta on the main line of the Louisville and Nashville railroad are located extensive deposits of white and vari-colored marble. It is hard to say just which is the most popular, many preferring the white which is probably best suited for all purposes. Scientific tests show the absorption of Georgia marble to be about six one-hundredths of one per cent, which is less than that of any other stone used for monumental purposes.

What lends a distinctiveness and which characterizes Georgia marble from any other is the fact that it is made up of crystals, which interlock and support each other as small irregular shaped grains can never do. This gives it its brilliancy, its life, and at the same time its strength. By actual test the crushing strength of Georgia marble is from twelve to fifteen thousand pounds to the square inch, which is far beyond the need of any material. Its strength, durability, brilliancy and permanency of color and its susceptibility to the finest workmanship make it the best stone obtainable for building monuments.

It has been used all over the United States, both in buildings and for monuments, and rivals Greek marble, which is found standing at the present time in ancient temples, when all other materials have gone to decay. Microscopic examinations show that it is practically the same formation as this ancient and well known marble, but with the difference that it is found in varied colors. The writer saw a Georgia marble ink well, the ink never having gone in beyond the surface of the stone, although it has been used for years. The fact that it is impervious to moisture is one of its greatest recommendations, for with its well known beauty as a further recommendation it stands almost without a peer. This marble is found in almost unlimited quantities in the section around about Tate, Ga.

The entire valley here and several of the hills on the sides, some of which have never yet been explored, is solid marble for as great a depth as man has cared to go, for there is no real necessity to go down any further than 175 feet, which is the deepest quarry in the district, as there is plenty of marble close to the surface waiting to be taken away.

The Georgia Marble Co.

The Georgia Marble Co. are the largest operators in the district. The firm is composed of Mr. Sam Tate, president; Luke T. Tate, vice president; S. H. Wright, treasurer, and R. W. Boone, secretary. Sam Tate is a worthy representative of the Tate family, which for three generations have controlled this district. The Georgia Marble Co. are at present operating four quarries and expect to open up the fifth very shortly. All of their equipment is of the very latest improved pattern and only last week they gave orders for three double header Sullivan channelers and one Ingersoll-Rand channeler.

They are continually adding to their equipment, as it is not a question of expense, but of how rapidly they can get out the material. The quarries have furnished a great portion of the marble which has been used all over the United States. State capitolis have been furnished for Rhode Island, Minnesota and other states, and banks and trust companies all over the country. One

of the most striking examples of the use of Georgia marble is the new Candler building, sometimes humorously called the Coca-Cola building, at Atlanta, Ga., since it was built out of Coca-Cola money. This building cost one million and a quarter, and the exterior and the interior are all of Georgia marble, all that used in the interior decoration coming from these quarries. A detailed description of this building will be given later.

The quarries now in operation are called, first, the Creole, number one, which is 175 feet deep. Directly adjoining this is Creole, number two which will eventually be made to form one quarry. This Creole marble is the beautiful mottled gray and white. The next quarry is Cherokee, number one, and then the new Cherokee and annex. This Cherokee is a lighter colored marble, and the latter quarry is 300 x 100 feet. Near here is also the Etowah quarry, from which comes the beautiful pink mottled stone, so much used in interior decorating and finishing. This quarry was not in operation when the Rock Products man was there. Down the valley about two miles is the Kennesaw quarry from which is taken what is supposed to be the whitest marble yet discovered in Georgia. This is the busiest quarry of all at the present time, as from here will come the marble to be used in the Girard Trust building in Philadelphia.

They expect to cut 100,000 cubic feet in this quarry before the close of summer. Seven double header Sullivan channelers are busily at work in this one quarry, besides numerous gangs of drillers, until the bottom floor of the quarry reminds one of a bee hive. To give an accurate idea of the equipment of these quarries is almost impossible. They have eight steam derricks which they have built in their own machine shops, which is an immense building in itself, thoroughly equipped with every modern contrivance and tools of all kinds, so that at no time will they have to stop operations, as they can repair or replace any part of their immense equipment.

To give an idea of the amount of power required to run this immense industry they have an aggregate of 600 horse power distributed over the plant. Mr. Sam Tate is at present figuring on equipping the entire place with electricity, and may do so in the near future. A new 150 h. p. boiler has been ordered for the Cherokee quarry, in fact they are increasing their equipment wherever possible and are pushing things to the utmost to get out the orders which they

have on hand at present. The shortage of labor has been and always will be a great factor in the production of marble. Skilled workmen are always in demand and at almost any time can find employment in these quarries.

To give an idea of the size of the operation of these quarries, there are about 150,000 cubic feet to a floor and they take off about three floors a year. It would seem that they would be able to supply the entire world with marble, and yet so great has been the demand that they have never been able to fully meet it. Georgia marble has penetrated its way all over the world and our brother in the Hawaiian islands prefer it to all others.

The Georgia Marble Co. furnish blocks sawed to size, but do no finishing. They have 34 gangs of saws running night and day and two twelve foot rubbing beds. Their new traveling derrick, built on 100 pound rails with a sixty foot gauge track, at a cost of about \$10,000.00, is one of the finest ever built by the Union Bridge Co., of Athens, Pa. The tracks are laid on marble blocks imbedded in the ground. The Georgia Marble Co. have seven miles of track connecting their various quarries and also connecting them with the main line at Tate, a mile and a half away. All of this roadbed is marble ballasted, and it is safe to say it is the finest roadbed in the world. They have two locomotives which are kept busy all the time. Hundreds of men are employed in these various quarries and in the mill, and they and their families practically make up the village of Tate.

The dark Creole is one of the prettiest marbles which has yet been secured for interior decorating purposes, and a striking example of the beautiful effects to be obtained by its use is to be found on the fifteenth floor of the Candler building in Atlanta, Ga. A story is going the rounds in Atlanta which is verified by Mr. Sam Tate, that Mr. Candler was told that it would be a good idea to introduce some of the dark Creole in the interior work of the building, but that he said he preferred the lighter marble. He finally gave his consent for them to use the dark Creole on one floor and the Blue Ridge Marble Co., who had the work in charge, selected the fifteenth floor for an example, with the result that Mr. Candler is now sorry he did not use this beautiful marble on a great many, if not all, of the other floors. Its delicate tracery and the marvelous witchery of design have caused somewhat of a furore among the lovers of the



GENERAL VIEW OF THE PLANT AND YARDS OF THE KENNESAW MARBLE CO., MARIETTA, GA.

beautiful and the fifteenth floor of the Candler building is now regarded as one of the sights of Atlanta.

Major S. H. Wright, treasurer of the Georgia Marble Co., has been with this company for the past twenty years and he is the only one left of the old regime. The Major is one of nature's noblemen and is one of the best posted men on marble in the United States. He is beloved by all who know him as nature has endowed him with one of those kindly personalities which coupled with his rich fund of general knowledge, makes him a delightful companion.

The Southern Marble Co.

Located at Marble Hill, which is about seven miles from Tate, is The Southern Marble Co., of which Mr. O. W. Norcross is president, A. T. Wing, vice-president, and Mr. W. S. Lincoln, superintendent. Mr. Lincoln resides near the quarry and has active charge of the operations. They are at present operating two quarries and employ about 115 men. Their equipment consists of nine Sullivan channeled, nine gangs, two rip saws and two 13 foot rubbing beds. Their principal output is exterior building work and sawed to size monument blocks. They are at present busy getting out the materials for the Macon, Ga., and Biloxi, Miss. postoffices.

Amicalola Quarries.

The Amicalola Quarries, which are owned by the Atlanta Marble Co., are seven miles across the ridge, with headquarters at Ball Ground, Ga. These quarries have been leased to the well known contracting firm of B. A. and G. N. Williams, of New York. They are busily engaged in getting out marble for the Home Office building, Washington, D. C., and the Royal Fire Insurance Co.'s building, in New York. This firm furnished the marble for the Minnesota State Capitol building, the Wall street front of the New York City Stock Exchange, the Mercantile Exchange Bank, or Jacksonville, Fla., and the exterior of the Candler building, in Atlanta. They have a mill and finishing plant at Ball Ground, well equipped with all the latest improved machinery.

The Georgia Marble Finishing Works.

The Georgia Marble Finishing Works is located at Canton, on the main line of the Louisville and Nashville Railroad. This is one of the largest monumental plants in the south. To give some idea of the size of their operations it is only necessary to say that their mill proper is 300 feet long, while the cutting department occupies a building 100 x 50 feet and the stock room 80 x 40 feet. They employ from 90 to 100 men the year around, and are able to turn out any kind of a monument, no matter how large or small, or no matter of what material. They have nine gang saws, three twelve foot rubbing beds, three polishers, three lathes and one polishing lathe. The entire mill is equipped with pneumatic tools and all the modern appliances known to the trade. They have a sixty-five foot derrick in the yard and their power plant consists of a 100 h. p. boiler, a 150 h. p. engine and a complete compressed air plant. Their office force is housed in a two-story office building with a beautifully fitted interior.

This firm caters to the monumental trade exclusively and can furnish both finished and dimension stock. They employ their own designer and can make anything the trade demands. They issue free of any charge to the trade a beautiful 160 page catalogue, showing a fine assortment of monuments in all styles and sizes. Some beautiful effects have been attained with Cherokee and the light and dark Creole. They ship to every state in the Union. They make it a

point to give satisfaction wherever possible, and make a specialty of selling only to those dealers recognized by the trade, or, in other words, those having a shop of their own. It is one of the oldest concerns in the South and has probably done more toward popularizing Georgia marble than any other concern. Their latest catalogue, number nine, entitled "Georgia Beauties", has just been issued. Typographically it is also a beauty. The cover design is emblematic of the business, as the Georgia coat of arms adorns the front cover page.

The officers of the company are: R. T. Jones, president; T. M. Brady, vice president, and E. A. McCannless, secretary and general manager. They cut principally Georgia marble, but have just received a 100 ton shipment of Italian and have some North Carolina stock in their yards.

The Blue Ridge Marble Co.

The Blue Ridge Marble Co. are at Nelson, Ga. They are manufacturers and wholesale dealers in exterior, interior and monumental work. This is one of the best known concerns doing business in Georgia. The late Harry Dewar, who was the president of the company, was largely instrumental in popularizing Georgia marble. This firm has furnished the marble for a great many of the finest buildings in the United States, both exterior and interior, and now have contracts on hand for some very large buildings shortly to be erected. They furnished all the interior marble used in the decorative work for the Candler building in Atlanta, and are at present furnishing the stone for the exterior of the Girard Trust Co. building at Philadelphia. The specifications call for a one-story building and the entire cost of the same will be \$1,000,000.00. They are also furnishing the marble for the National Metropolitan Citizens' Bank, Washington, D. C., and the Bank of Toronto, Winnipeg, Manitoba, Canada. However, they make a specialty of monumental work. At present they are operating the Piedmont mill, at Marble Hill, which is equipped with ten gang saws and are doing a large portion of their exterior work there. This plant is close to the Kennesaw quarry of the Georgia Marble Co. and was leased especially so as to get out the marble for the Girard Trust building, in Philadelphia. The equipment of the Blue Ridge Marble Co. plant at Nelson, consists of the main cutting shed, which is 400 x 50 feet, in which there are twenty gang saws, and several other sheds not quite so large. They are just erecting one new shed which will be 195 x 65. Their plant is equipped throughout with pneumatic tools, their power is a 150 n. p. engine and an Ingersoll-Rand Drill Co. air compressor. They will shortly equip the entire plant with electricity and will have separate motors for each machine. About 400 men are employed at their various plants and their facilities are unsurpassed for turning out work on the shortest notice. They have one of the largest turning lathes ever made, in operation at this plant, it being 35 x 6 feet 6 inches. They also have one of the longest gangs, it being 26 feet in length. They have five turning lathes, several polishing lathes and five twelve foot rubbing beds. When the new building is finished, it will almost double their present equipment, and they will be better able than ever to handle their large and increasing monumental trade.

The George B. Sickels Marble Co.

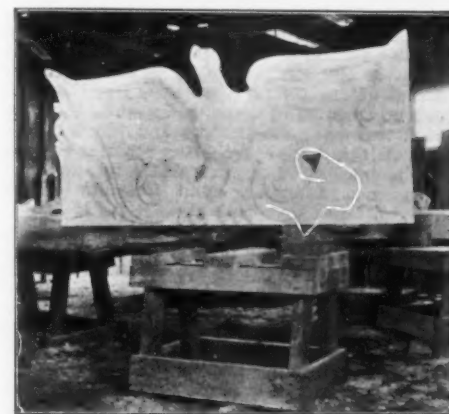
One of the oldest and one of the best known plants in the Georgia district is that of the Geo. B. Sickels Marble Co., who were among the very first to enter the business. Their plant is located at Tate, directly adjoining the quarries of the Georgia Marble Co. Their equipment is up-to-date in every way. They operate six gangs, have three 12-foot rubbing beds, three turning lathes,



GEORGIA MARBLE COLUMN TURNED AT THE GEO. B. SICKELS MARBLE CO.'S PLANT AT TATE, GA.

two polishing machines and pneumatic tools of all descriptions. Their main mill is 200 x 50 feet and there are several smaller sheds. They make a specialty of interior decorative work and some of the finest interior decorative work in the country was executed by them.

They have several large contracts on hand now, one for the Gas Electric and the Kimball House in Atlanta, the Marion Hotel, of Little Rock, and many others. They are rushed with orders at this time and are considering the advisability of enlarging their operations. They employ at present about one hundred men. In the illustration is shown an immense eagle, the dimensions of which were 6-2½x2-6x1.2. It is cut from Geor-



GEORGIA MARBLE EAGLE WHICH ADORN'S THE ILLINOIS STATE MEMORIAL AT VICKSBURG, MISS., CUT BY THE GEO. B. SICKELS MARBLE CO., OF TATE.

gia marble and adorns the top of the Illinois State Memorial at Vicksburg, Miss. It is a marvelous piece of work and shows what can be accomplished with the Georgia marble when in the hands of an artist. The other illustration shows an immense column of Georgia marble being turned at their plant.

Mr. Walter E. Tate is the general manager of the company. He is still a young man but possesses a fine executive head and is one of the strong men in the industry. He presided at the initial meeting of the Georgia Marble Retail dealers and made a hit with the boys.

The secretary and treasurer of the company is Mr. J. M. Eaton, who for many years was with the Southern Marble Co. He is thoroughly familiar with every detail of the marble business and is the right man in the right place.

The Kennesaw Marble Company.

The Kennesaw Marble Co. are contractors and wholesale dealers in Georgia and Italian marble at Marietta. The officers of the company are: A. V. Cortelyou, president; John H. Kendall, vice president, and R. W. Boone, treasurer. This is one of the largest and best equipped plants in Georgia and the cut which we are printing gives but a faint idea of the size of their operations. They do quite a good deal of interior work. They have recently completed the Lupton apartment building in Chattanooga and the Denechaud Hotel in New Orleans. They also furnished the marble for the postoffice annex at Jacksonville, Fla. They employ about 125 men the year round and no job is too big for them to handle. They have always made it a strict rule not to sell any but recognized dealers and the monument feature of their business is well taken care of. Their main building is 450x50 feet and they operate 15 gangs and three 12-foot rubbing beds. The plant is equipped throughout with pneumatic tools and they have five turning lathes and polishing lathes in operation.



VIEW OF THE PLANT OF THE BLUE RIDGE MARBLE CO., NELSON, GA.

Granite.

BARRE, VERMONT.

BARRE, VT., April 26.—Business in Barre this month is, of course, good and plentiful. It is always thus during the latter part of April. Every firm has more than it can do within the time required. Dealers always wait until late in the season before they send in the orders which have to be completed before the middle of May, and it is safe to say that at this time there is no firm in town that is not exerting its utmost effort to keep up with the more than full capacity orders which they have in hand.

The present indication, however, is that as soon as the Memorial Day work is shipped there will be plenty of rest for Barre during the summer, for only in a few cases do we find that firms have much work on hand for the summer. Of course there is a possibility that the situation may improve during the next two months and it is sincerely hoped that it will do so.

Agitating the Question Seriously.

The granite men of Barre are greatly agitated and are holding almost nightly meetings over the matter of having the new Aldrich Library in Barre, constructed entirely from Barre granite. A citizens meeting, called a short time ago, refused to take any action towards levying a special tax to defray the extra cost of granite instead of brick. This was due largely to the shortsightedness of the citizens who attended the meeting, and also due to the negligence on the part of granite manufacturers, who failed to be present. The result of the meeting was a great surprise, but it by no means settled the question, for many loyal citizens at once set to work to devise ways and means for raising the necessary \$16,000.00, by private subscription, and when the granite manufacturers get their minds fully made up to do a thing it's all off with any opposition.

The more far seeing Barre people realize that this matter is of vital consequence to the industry upon which the community is founded, from an advertising standpoint if for no other reason.

It is a pretty well acknowledged fact that the growth of the monumental business has reached its zenith. It will never be much greater here at any rate. It is practically an absolute certainty that within a comparatively few years there will be as much building work cut in Barre as there is monumental. It seems to be Barre's duty today to provide for this prosperous building era and erect such a structure at this time that it will constitute an irresistible advertisement to future customers for building stone.



CUTTING SHED OF CHARLES BIANCHI & SONS, BARRE, VT.

Two Prominent Visitors.

W. H. Pitkin, of the Pitkin Supply Co., at 259 Atlantic Avenue, Boston, and Geo. C. Moon, of the Macomber, Whyte, Moon Co., of New York, spent a few days in town this week. Mr. Moon, aside from his own business in New York, is associated with Mr. Pitkin as a partner in the Boston store.

Some Notable Sales.

The E. B. Ellis Co., at Northfield, have just purchased a new Ingersoll, Rand Air Compressor, the largest that has yet been put in at any granite cutting plant in this vicinity. It is a duplex steam and compressed air and is of 600 ft. capacity. Mr. Wrayton, of the Ingersoll, Rand Co., who took this order from Ellis, has also sold within a few days to T. F. Mannex, of Quincy, Mass., two new compressors of the same make, one of them a 350 ft. machine for the quarry, and a 300 machine for the shed.

Stephen & Gerrard have just purchased through G. J. Reynolds & Son, of Barre, a new 100 horse power Erie boiler, to be installed at once at their quarry.

Burr Chamberlain, of the New York office of the Shaw Electric Crane Co., at 85 Liberty Street, was in town this month and set the local manufacturers to thinking. He sold one large crane to Young Bros., for their new shed and it is understood that several other firms are considering the advisability of installing Shaw cranes.

A. Anderson & Sons report spring business as exceptionally good but that prospects for the summer are, at the present time, very poor.

Plants Adding Equipment.

E. Abbiatti & Bros. and Rizzi Bros. have purchased from C. W. McMillan & Son the latter's interest in the Barre Steam Co., and the plants will now use the entire capacity of the power plant, which formerly operated the three cutting plants. This change was made necessary in order to meet the growing demands of business. The two firms have united their forces in thoroughly overhauling the steam plant, putting in new machinery and building a large brick smoke stack. C. W. McMillan & Son, whose business has also grown considerably during the past few years, have found it necessary to install additional power, have installed a large electric motor in place of the steam power which they have heretofore shared with the other two firms above referred to.

Ensnared in New Plant.

We are pleased to reproduce in this letter a photograph of one of the largest and best equipped cutting plants in Barre, recently purchased by Chas. Bianchi & Sons, and now occupied by them. It was operated for some time by the firm of Burley & Calder, and later by Mutch & Calder, from whom it was purchased by the Bianchis. Chas. Bianchi is one of the pioneers of this vicinity and for many years has been one of the most successful of the granite manufacturers. The firm was established a long time ago at East Barre and was known as Bianchi Bros. One brother died a few years ago and the sons of Charles having by that time arrived at manhood, the name of the firm was changed to Charles Bianchi & Sons.

About a year ago a portion of their large plant at East Barre having been destroyed by fire they entered into negotiations with Mutch & Calder, with the result that a big sum of money changed hands and on the first of September Chas. Bianchi & Sons were the owners and operators of this famous cutting plant. They are now running the plant to its full capacity and turning out the high class work for which the firm is noted in greater quantities than ever.

W. H. Harrison, of the Harrison Granite Co., was in town this week, leaving here for Chicago before returning to New York.

Several Changes in Firm.

One of the most important changes that have taken place for some time in local granite firms took place a few days ago when Henry A. Phelps became a partner in the immense granite cutting business of George Stralton. Mr. Phelps was already one of the owners of the Barre White Granite Co., quarry, Mr. Stralton being one of the owners also. Mr. Phelps has been for about twenty years in company with his brother, N. D. Phelps, in the hardware business. This firm has been dissolved by N. W. Phelps purchasing his brother's interest and by H. A. Phelps securing a large part of the real estate holdings of the firm.

Mills & Co., of Montpelier, have recently improved and enlarged their plant. They have installed a much larger motor than they had before and would like to find a customer for their 15 horse power electric motor, which they offer at \$175.00 f. o. b. Montpelier. They claim it to be in first class order and as good as new.

An important business change has just taken place in Montpelier, in which the firm of Bonazzi & Bonazzi, who have occupied a portion of Sweeney Bros.' shed for a long time, has purchased the up-to-date shed of R. M. Fraser, and will take possession of the same on June 1. The price paid for the plant was in the vicinity of \$6,000.00.

Rowe Morrison, who has been in the local office of the Harrison Granite Co. since the death of Fred B. Mudgett, has been transferred to the New York office of the company.

A Successful Operation.

One of the most successful quarry breaks ever made in Woodbury was recently made at the Woodbury Granite Co.'s quarry. The piece of granite was 60 x 25 x 20 ft. and it was moved about 40 feet to the exact position they wanted to have it.

W. F. Howland, the expert monument setter, recently returned to Barre after being in the South several months, during which time he was very successful in putting up two large memorials without mishap of any sort. At Chattanooga, Tenn., he put a beautiful Iowa monument in position. This monument, which was cut at Jones Bros. Co. plant in this city, stands 86 feet high and one stone in it weighs 42 tons. Five statues made the work of setting the monument very difficult. At Savannah, Ga., he set up a handsome private monument for the English Consul in the Bonaventure Cemetery. Mr. Howland is employed in this class of work nearly all his time by the Jones Bros. Co.

James Canton, accompanied by Mrs. Canton, has returned from a several months western trip on business for Canton Bros.

John McColl and Dennis Dineen, who have been conducting a granite business under the firm name of McColl & Dineen, have dissolved partnership, Mr. McColl continuing the business alone.

The possible shortage of soft coal in Barre was guarded against by E. L. Smith & Co., who carry four months reserve supply at their quarry all the time.

To Manufacture Pneumatic Drills.

A partnership has been formed by A. C. Blanchard and L. J. Clossey, of Montpelier, for the purpose of manufacturing pneumatic drills, an invention of Mr. Clossey. They are building a plant in Montpelier.

The sympathy of the granite trade goes out to W. R. Hadley, of the firm of Melcher & Hadley, over the death of Mrs. Hadley, which occurred this month.

Cut Nice Job.

A fine Barre granite monument, cut by Marr & Gordon, has just been placed in memory of the late Dr. S. L. Wiswell, of Cabot, Vt., in the cemetery at that place. The three bases are 6, 4 and 3 feet square and on the die is a beautiful figure of Hope and Mercy. The die has four polished columns and caps that support the pieces above. The inscription on the die is in large letters, and the name "Wiswell" is also in large letters.

Have Organized Big Company.

About the first one of the local established firms of granite manufacture is that of Magnaghi & Galli. They have recently joined forces with the well known retail firm of Presbey & Coykendall, of 169-171 Broadway, New York, and have incorporated under the name of the Presbey, Co.

kendall Co. They have sold their joint interest in the shed the firm has heretofore occupied, to Giudici Bros., who are now sole owners of the big new shed built a little over two years ago by the two firms.

Giudici Bros. find that their growing business compels them to use the entire plant themselves. The Presbey, Coykendall Co. have purchased a large plot of land near this other shed and have already commenced the erection of a large new plant to be equipped with all modern machinery. The shed will be 200 feet long. When completed it will be under the management of Magnaghi & Galli, while the New York office will be conducted as heretofore. The company is incorporated for \$50,000.00 and both ends of the business are in very competent hands. It is expected that the new shed will be completed before July 1.

The Jones Bros. Co. had some very bad luck this month which caused the shutting down of their immense plant employing 250 men for several days. A six foot pulley on the main shaft in the engine room broke and it was more than a week before they could get a new one made. They got a temporary equipment in, however, after two or three days, so that some of the men were put back to work.

John P. Corskie & Son have had about as hard luck as anyone in Barre this month and yet Mr. Corskie, Senior, says it was a bit of exceptionally good luck, for no one was killed. The travelling derrick was carrying a stone weighing 48,400 pounds along the shed when the castings which hold the huge iron rods beneath the timbers broke. This caused the derrick to swing and break one of the Oregon pine timber. When the timber broke the huge stone dropped, tearing the derrick to pieces as it fell. The derrickman was pitched out of the carriage as it fell and when picked up by the workmen he was wedged tightly between a block of granite and the partition of the stone shed.

On these derricks there is a projection over the track which is supposed to hold in case of accident, but this was broken off with the first shock so there was nothing to hold the derrick from falling. Just before the accident the derrick had been given a thorough overhauling and was apparently in as good shape as when it was new. Mr. Corskie says they have often lifted stones several hundred pounds heavier than this one on the same derrick. The accident happened in the stock room.

Introducing New Drill.

W. J. Bisson, of Knowles, Cal., is in town for a few weeks introducing a new rock drill of his own invention, and which is owned and manufactured by the firm of Ertle & Bisson, of Knowles. Mr. Bisson was a pioneer granite cutter in Barre over twenty years ago, when he went to California and has remained there ever since. He was foreman of the granite building job on the famous San Francisco postoffice, recently partially destroyed, and on several of the other great granite buildings of that city he held a similar position.

Mr. Bisson has met with great success with his new rock drill and is devoting his entire time to the promotion of it. It was first tried in Barre at the quarry of the Boutwell, Milne, Varnum Co. In the test they timed an ordinary round drill in the air tool and with blower. In two minutes and forty seconds it cut 17 inches. The round drill was taken out and Mr. Bisson's drill put in its place on the same rock. In two minutes and forty seconds the latter drill had cut just 21 inches, or 4 inches more than the round drill now in common use.

Medal Has Arrived.

The medal awarded the exhibit of Barre granite at the St. Louis Exposition has just been received here, and is attracting a great deal of attention, both on account of its own beauty and the importance it holds as the emblem of Barre's supremacy in the granite world.

J. Jurras & Co. have nearly completed the building of their new cutting shed at Montpelier and it will be one of the largest and best equipped plants in the city.

Stephen & Gerrard have just completed the installation of new machinery at their quarry, including a new boom derrick and new boiler and engine house. It will greatly increase the facilities of their quarry.

Ship Notable Monument.

Rizzi Bros. have just shipped one of the most notable monuments that have been cut in Barre this year. It is the die to a large Confederate

monument to be erected by the Missouri division of the Daughters of the Confederacy. The design is very artistic and most impressive, while the workmanship could not be excelled in Barre granite. The carving represents a full sized lion, wounded and lying down, while the hilt of a large stiletto projects from its side. The die with the figure stands 5 ft. 6 in. high and measures 5 ft. long. The original of the design is the famous "Lion of Switzerland," carved from the solid rock of a Swiss mountain to commemorate a fierce and costly battle of one of Napoleon's wars.

Mr. S. Rizzi has seen the famous Swiss carving many times when a boy. The wounded lion in this Confederacy, of course, represents the heroes of the Lost Cause. The monument will be set in Kansas City, Mo., and the remainder of it is being cut by Ryle & McCormick Co., of Montpelier. Rizzi Bros. have completed another very beautiful tapered die monument 1 ft. 3 in. high and 4x3 ft. 2 in. at the bottom. On the front is carved in high relief a statue of the Angel of Peace. Mr. Rizzi says orders for summer work are very plentiful.

Have Big Orders From the West.

C. W. McMillan & Son, are very busy with two full gangs of cutters and have a splendid class of work under the hammer. Their plant will be very much improved in a few days by the installation of electric power in place of steam, they having recently sold their one-third interest in the Barre Steam Co. Among the specially noticeable monuments now being cut are several for parties in Seattle. One nice one is a half rock face die with a fluted pilaster corner and round raised letters on the hammered panel. Another nice one for Seattle is all polished on every visible surface point even between the letters. One for Toledo, Ohio, shows an oval beaded panel with square polished letters in the center and one of the most graceful of all is a duplicate of the famous Smith family monument in Barre, although the spire is not as long. The spire is twenty feet long and rises with grace and architectural beauty similar to that which has attracted such wide spread attention in the Smith monument. This is for parties in New Jersey.

Mr. McMillan probably has more granite cutters who have been with him for a long, continuous period, than hardly any other firm. One of them had been in his employ steadily for fifteen years until a few days ago he left to try his luck in Saginaw, Mich., and several of his other men have been with him nearly as long. This is quite remarkable when we consider the restless and roving spirit of the average granite cutter who never sticks to any one place or firm more than a few weeks or months at a time.

E. F. Wrayton, of the Boston office of the Ingersoll-Rand Co., is making monthly trips to Barre this spring. He reports having just sold a new Ingersoll-Sergeant air compressor to Patch & Co., of Montpelier, to be installed in the company's quarries at Calais. He has also just taken an order for a new compressor for M. C. Monahan, of Quincy.

F. J. Robar, of Montpelier, says business is very good but collections are bad. His shed seemed to be full of nice work, and I notice that he still has for sale the small air compressor which he replaced a few months ago by a much larger machine. He guarantees the compressor to be all right in every way and offers somebody a bargain at \$125.00. His only reason for wanting to sell it is that it was not large enough for his needs.

At the office of Dillon & Haley I found the man who has recently "ascended the throne" of Montpelier, and Mayor Haley is just as genial as he was before he became "His Honor the Mayor." He reports business as exceptionally good and says they are employing more men at their plant this spring than ever before in the history of the business.

Minnesota Field Growing in Popularity.

The quarries of Hale Bros., Simmers & Campbell and the St. Cloud Granite Works are the oldest and best producers of the famous dark red. At this time a number of spring orders are booked.

In addition to a large monumental business the St. Cloud Granite Works makes a specialty of turning and polishing building columns, rails, etc.

The Wenton Granite and Constructing Co. make a specialty of the building business.

A new and interesting establishment is that of Wm. Smith, who makes samples.

The St. Cloud Granite Works has just installed a Rand Compressor, compound steam and compound air, with a capacity of 249 cubic feet per minute and equal to 40 horse power.

NORTH CAROLINA GRANITE.

(Continued from Page 3.)

more equipment will likely be installed in the near future. Mr. C. W. Smith is the superintendent of the Gillespie Co.'s operation at this point.

The old quarry that was originally opened by the Rowan County Granite Co. has been the scene of the principal operations of the Gillespie Co. However, beginning last fall they opened another floor almost adjoining the old hole, and the same fine quality of light gray granite is secured in every part of the property. Most of the work in this quarry is conducted by the use of plug drills and Mr. Smith is just giving a trial to a new Sullivan plug drill which seems to be doing its work quite satisfactorily. In a convenient position below the level of the quarry operations the company operates a crusher which is equipped by the Allis-Chalmers Co. with a Style K Gates' crusher, with the usual screen and separating arrangement, the spalls and broken granite are delivered to the crusher almost entirely by gravity through a chute so that the appearance of the quarry is at all times quite clean from spalls and small broken stone. The smallest size that meets the view being approximately one and one-half cubic yards and indeed it is not unusual to break up blocks of a cubic yard or more to send to the crusher when it begins to look like there will not be spalls enough to keep the feeding arrangement at the crusher full of material.

The Gillespie Co. have been operating the quarry property of the Rowan County Granite Co. for about one year and they are about half through with getting out stone for their contract. None of the stone that comes from this quarry is offered in the market except the crushed stone which principally goes to the Southern railway for ballast.

Visiting With Mr. McCanless.

The C. Markley Granite Co. have opened a new quarry about three-quarters of a mile from the opening of the Rowan County Granite Co.'s property just described. Mr. James C. McCanless is the general superintendent of the works while C. Markley has been associated with him for about three years. They have a cutting shed where nearly all the cutting is done by hand labor, turning out a great deal of granite curbing, besides building stone and Belgian block. The average granite curb is ten feet long while there is nothing extraordinary to have curb 25 feet long or even 30, for, as stated above, the granite of this district cleaves in sheets of almost any desired size. Mr. McCanless is a very pleasant spoken man and acquired considerable of the quarry property in the immediate neighborhood, having had nineteen years of experience in this locality. They have furnished a great deal of building stone to John P. Pettyjohn, of Lynchburg, Va., and J. D. Elliot, of Hickory, N. C. They are just erecting a new derrick in the quarry and working a considerable force of hands, making Belgian blocks. They have an Earl C. Bacon jaw crushing outfit with a capacity of three hundred yards per day. The refuse of the quarry is fed to the crusher by means of a tramroad that extends up to the quarry proper, where the spalls are loaded into the cars so as to keep the quarry cleaned out all of the time, and Mr. McCanless says there is a ready call for all the ballast and fine concrete aggregate that the crusher can turn out. The Southern railway for hundreds of miles in all four directions from Salisbury is ballasted with crushed granite, which, when packed makes, perhaps, the most solid and perfect roadbed in the world.

Mr. W. F. McCanless, a son of James C. McCanless, contemplates the opening of a quarry of his own in the Dunn Mountain district. He is a young man full of enthusiasm, recently graduated from the Agricultural and Mechanical College at Raleigh, and intends to quarry granite for building purposes as well as for the monumental trade at the markets which can be reached so easily from Salisbury.

A Strong Organization.

The Balfour Quarry Co. is the most extensively known figure in the business at the present time. Mr. George R. Collins is the president of this company and keeps the head office at Salisbury. Mr. George L. Erdman, the treasurer of the company, resides at Asheville and looks after the company's interests located in that immediate neighborhood. This concern operates a quarry and crushing plant at Asheville, N. C., another quarry and crushing

plant at Old Fort, N. C., a quarry and cutting shed at Balfour, N. C., and a quarry and cutting shed at Granite Quarry, near Salisbury. The crushed granite operations of the Balfour Quarry Co. are very extensive indeed, for they operate seven Champion crushers in their various plants and produce regularly more than a thousand tons of crushed granite every day. The cutting shed at Granite Quarry gets out an enormous quantity of paving blocks, curbing and building stone besides a high quality of pulverized granite which is used for roofing gravel for concrete purposes and in the manufacture of the sand-lime brick at the Asheville plant.

An official estimate made recently at the Watertown Arsenal upon sample pavers furnished by the Balfour Co. showed the enormous figure of 50,000 pounds to the square inch, which is the hardest ever shown under government test, according to the statement of the government reports.

The Balfour pink granite, a very warm tinted stone, especially adapted for statuary and fine carved work, as well as mausoleums and monuments, comes from one of the quarries of this company. It takes on an exquisite polish and is adapted for every kind of interior finish. The rough stock of pink granite can be furnished to the monumental trade to meet any dimensions within the limit of transportation facilities; that is to say, the limit is only what the railroads can haul.

Mr. Collins, the president of the company, remarked that they were full up with business, having all the orders for building stone that they could possibly take care of, and as their pavers have met the requirements of the Cincinnati market as well as a number of others, they have a ready sale for all they can produce.

The company has been in operation at Granite Quarry about three years. They had to build three-quarters of a mile of railroad to get into their quarries, and it is the intention of the Balfour Co. to increase the capacity of their operations by putting in machinery for turning columns and for polishing upon a large scale.

There are a number of other quarry propositions that are being operated upon a more or less active scale, among which may be mentioned the Excelsior Granite Co., of Heath Springs, N. C., whose quarry is located immediately on the opposite side of the mountain from the Rowan County Co.'s property. Their stone runs from light to dark gray and has the same dense crystallization and cutting qualifications which is a characteristic of the stone of the neighborhood.

At Faith, N. C., no great distance away, is a small quarry opening that has produced some very good stock and only needs better equipment to bring it forward upon a good paying basis. The story of the great quarry operations at Mt. Airy, a short distance to the south, has already been told in these columns and there are other quarries in the district that will be the subject of a future article.

A Superior Building Granite.

VANCOUVER, B. C., April 18.—It has been found that British Columbia granite is not surpassed by any rock in Canada for building material, and as a proof of its excellence some very large blocks are now prepared in the city for shipment to Winnipeg. These are to be used in the construction of the new Bank of Toronto building in Winnipeg, the contractors for which are Messrs. Kelly Brothers & Mitchell.

This is the same firm which is building the new post office in Vancouver, and in connection with the latter contract they have established on False Creek a large stone cutting and dressing plant. It is there that the granite is being prepared. In the consignment are four blocks six feet four inches square and a foot and a half thick. These weigh five tons each. There are eight large pieces five feet nine inches by two feet ten with a thickness of two feet ten. Each of these will weigh also five tons. Forty feet of sill course, or six pieces seven feet long by three feet wide and six inches deep are being prepared. Vancouver is the only place in Western Canada where granite of such good quality can be secured for building purposes, and the mountains from which it is taken will never show signs of depletion. Since Messrs. Kelly Brothers & Mitchell have their plant established here, and are bringing similar granite for the new post office building, they have found it very convenient to cut and dress in Vancouver the large facing blocks for the building in Winnipeg.

MONTPELIER, VT.

The Ryle & McCormick Co., of Montpelier, probably have as many decidedly original designs to reproduce this spring as any firm in their vicinity. One of the most elaborate and impressive is being shipped to Bloomington, Ind. It is a large boulder with elaborate carving on the front in very high relief, consisting of large broken and fallen columns and other figures, representing Death as a destroyed citadel of human life. On the back side of the monument is carved a representation of the Eternal City with Gates Ajar and the Castles on High.

The firm has just taken the contract for one of the finest monuments ever cut here. It is for Ohio parties. There are three square bases and all above that is round, including a fourth base. There is a carved die and cap, on top of which are six columns supporting a canopy composed of three carved pieces. The total height is 25 feet and the bottom base is 9-6 square. Corinthian caps grace all the columns. The whole monument will fill about four carloads. They have just shipped a big canopy monument with a base 12-4x9-4. There are three bases with four columns supporting a canopy, plinth and cap. They have another one under way with a base 12x8. It is a double base with eight columns supporting a cap 10x6-8. It is all moulded and carved and the columns are fluted and carved in Doric style. On the second base is carved an altar and an urn. They have under construction a very beautiful cross monument for a Catholic priest near Boston. It is carved the entire length in old Celtic style with the tracing raised. On the lower half is displayed a chalice entwined in network. There are three bases, a die and cross, the latter 11 ft. high and 4-6 on the arms.

The Globe Granite Co., of Montpelier, are employing more men than ever before. They are cutting a soldiers' monument that is very attractive, although not large. The bottom base is 6 ft. square and a spire 10 ft. high. On the front of the spire is carved in bas relief a Women's Relief Corps medal and on the die is a single draped cannon. Besides this they are cutting two spire jobs each with a 22 ft. spire.

Sweeney Bros., of Montpelier, have been very busy this spring and have turned out an immense lot of ordinary work this month although no especial notable jobs.

Doucette Bros., of Montpelier, have a splendid lot of carved work in their shed, including an artistic cross job. The cross is all carved with interlacing on the lower half and with floral designs on the upper half, and rosettes on the ends of the arms. They are cutting a nice die job, bottom base 9x5-8, all moulded and carved. Doucette Bros. rarely lose a customer who has once tried them in their specialty of small carved work for they are painstaking and satisfy their patrons.

H. J. Buttolli, who has for several years occupied a portion of R. M. Fraser's shed in Montpelier, is to move from there June 1, on account of the shed having been sold, and will move into one end of Sweeney Bros.' shed.

Another White Granite.

BETHEL, VT., April 27.—Outcroppings of a white granite with a pink tinge have been found west of this village recently. Options have been obtained on several farms by J. S. Young and operations of prospecting will begin in a very short time, some farms in the vein have not yet been secured for developing granite. The granite is whiter than the "Bethel White." Mr. Young is the inventor of a granite saw which he will use. It will give two surfaces at one cut. The ledge is of boulder formation while the "Bethel white" is in sheets.

If found as expected, it is quite probable the White River National Bank's new building will be built from it.

Awarded Big Contract for Westerly Granite.

The New England Granite Works, of Westerly, R. I., have been awarded the contract for furnishing the Westerly red granite for the new ten-story building of the Travelers Life Insurance Co., at Hartford, Conn. This is one of the largest contracts ever received at Westerly and will give employment to about 175 granite cutters for a year.

The Consolidated Granite Co., of Winston-Salem, N. C., has been organized. The capital stock is \$150,000.00 and those interested are: G. W. Patterson, Lochlan, McGilliard and others.

QUINCY, MASS.

QUINCY, MASS., April 28.—There is only the best to report in the industry of this old granite town, and the business to date is the largest for years. Every quarry, cutting-plant and polishing-mill are working to their capacity in the effort to get away the Memorial Day orders on time. In comparison with former years the trade has received orders of much larger size than heretofore.

This argues well for the home granite and it seems that Quincy is in for an era of good times, as far as its staple industry is concerned.

A tour of the manufacturing plants shows that good cutters are at a premium and the manufacturer is happy who has a corps of practical mechanics on his working staff. There is some complaint, also, among those who manufacture from outside granite, owing to the slowness of the freights, which causes a tardy delivery of the essential.

The retailer at this time of the year is particularly busy and every available draught horse is on the move from early morning until late at night, moving finished monuments for erection in local cemeteries.

Milford, Mass., but a few miles distant from this city, is getting the pick of local stone-cutters and tool sharpeners. There are several large building jobs under way in the first named granite town, and an exodus of mechanics from here is causing consternation among many of the local manufacturers.

John C. Ballou is to install a new Ledgerwood engine at his quarry possession. He reports an unprecedented demand for his prime quarry stock.

Conditions to be Improved.

Freight facilities at Quincy Adams continue poor, but thanks to the agitation for better conditions by Rock Products, a change will soon be made, which will be appreciated by scores of manufacturers. Nearly two years ago Rock Products first aired the manufacturers' grievance on this point and the frequent expose of the deplorable conditions existing at the present freight yard has not been without result. At this time of the year, when hasty shipments are imperative, the evil becomes more apparent. The small yard space for unloading drays and the difficulty in hoisting stones onto cars have been mentioned so many times that the theme is an old one.

Suffice it to say that April and May of next year will find conditions improved. The New Haven system has purchased the old Mitchell granite plant, north of the Quincy Adams depot, with a right of way from Water Street.

The yard abandoned several years ago will be enlarged and equipped with modern hoisting cranes, and the rush of shipping in 1907 can be handled more expeditiously. The location is an admirable one with an entrance from Water Street, and an outlet to the yard, via Marsh and Quincy streets. Improvements should be completed in a few months, and the manufacturers are jubilant over the fact of better accommodations for the receipt and discharge of freight which, in the granite industry, amounts high both in quantity and quality.

In the matter of the receipt of rough stock from outlying quarry districts, it has frequently happened that loaded cars would have to be kept in South Beantree for days at a time, or until some room could be made for their arrival in the present cramped quarters, south of the Quincy Adams station.

These and like delays will soon be eliminated and the manufacturer is now assured of better freight conditions at a busy depot.

As new plants increase west of Center street, it is only a question of time when a freight depot will be established there, which even now would be a great boom to manufacturers.

Casna & Cicconi, who make a specialty of carving, report a prosperous season in every department of their busy plant. The firm members are ever on the alert to attend to the needs of their increase of patrons.

The Granite Railway Co. is busy on two large tomb jobs, which are in process of construction at their mammoth manufacturing plant. Same will be constructed from the stock of their famed quarry, whose yield is a granite of an extra dark color.

James N. White & Sons are rushed with wholesale and retail orders. The firm by the size and excellent quality of its work, has gained for itself an enviable reputation among dealers and customers. As regards their patrons in Greater Boston and New York one has only to examine a monument or mausoleum constructed by them when an

order is forthcoming. Their plant, too, is a model of its kind and contains every equipment for the finest work.

Have Improved Facilities.

C. A. Swingle & Co. have installed their new Harris-Corliss 150 horse power engine, which with their new air compressor, will expedite the large amount of manufacturing done by this firm. They are busy attending to their carload lots of shipments and are confident of a good summer and fall season.

Robert Cantley has received an order for one hundred more balusters for the new Pennsylvania railroad station, in process of erection in New York City. This order with 400 now under construction and a bulk of turned work for local customers, makes his plant the busiest of its kind in the city. Mr. Cantley has facilities under one roof for as much more work and is constantly on the hunt for more orders. When the Rock Products representative called, the proprietor was busy at a turning lathe which shows that for an all around turning and polishing man, he is it. He expects to ship his first carload of balusters shortly. They are fashioned from Milford pink granite and the first lot is awaiting the inspection before being put on the cars.

Raised Immense Stone.

T. F. Mannex reports an excellent business in his quarry and cutting plant. As a trial to a quarrying feat he has successfully raised from the deep quarry hole a 30 ton boulder. It was his purpose to hew out a 40 ton stone, but he had some misgivings as to getting it successfully on the bank. The 30 ton block taxed the engine and derrick so slightly that but little difficulty is expected in raising aloft the larger and more cumbersome stone. The stock for extra dark color and quality cannot be surpassed. Mr. Mannex has been to New York on a business trip during part of the past month.

Peter T. Fallon, of the firm of John Fallon & Sons, has received the right from the Massachusetts legislature to bridge the Town river above navigation, thereby making easy of access some valuable wharf property, from which rough and finished granite can be shipped.

Assists the Unfortunate.

President John L. Miller, of the Granite Manufacturers Association, called a special meeting of the Association for Wednesday evening, April 25, to see what action the organization would take toward helping the unfortunate in San Francisco. Without a dissenting voice the association voted to contribute \$500.00 toward the relief fund. This appropriation, with \$300.00 recently contributed to the maintenance of the local hospital, speaks volume for the charitableness of local granite men.

The Galvin Granite Co. is busy in quarry and shed. The quarry is in excellent shape and Mr. Galvin in blowing out the headway has unearthed some excellent dark stock, which sells like the proverbial hot cakes.

He expects great things from this portion of his quarry and will continue to add facilities to the speedy quarrying of such prime stock.

Kavanagh Bros. at their model plant in South Quincy are rushed with local and out of town work. They make a specialty of manufacturing from the best of Westerly granite. Mr. Edward Kavanagh, who is continuously at the works, informed the Rock Products man that he has some large orders for New York, St. Louis and Illinois parties ready for shipment.

The bonds of the Quincy Quarries Co. will be sold at auction on Monday, April 30, by John H. Dinegan.

James Milne, of the firm of Milne & Chalmers, has assumed charge of the firm's Boston office, after a month's serious illness.

Philip O. Tobin, the well known draughtsman in the employ of A. M. Deane & Co., has the sympathy of a large circle of friends in the loss of his wife, Mary N., whose death occurred April 26, after a brief illness.

Daniel E. Cameron has every available man at work at his modernly equipped plant, corner Gilbert street and Nightingale avenue. Mr. Cameron's entire time is taken up between office and cutting plant and a job to pass his careful scrutiny has to be right in every particular.

P. O'Brien has an ideal location for his office and manufacturing plant on Granite street, but a few minutes walk from Quincy Centre. Mr. O'Brien is constantly on the alert to give his customers entire satisfaction. He has erected some

praiseworthy monuments in the cemeteries of Greater Boston, and when the Rock Products representative made his regular call, the proprietor was in South Framingham superintending the erection of a costly monument.

John Murray, of Gas Place, is not worrying much over the summer and fall season's work. His is a busy plant and with every modern appurtenance available for the right manufacture of large and small work, it is no wonder that his order book is always filled.

Field & Wild, at their quarry and shed, are constantly attending to their customers' many wants. Frank Wild has the quarry to look after and a better quarry man is hard to find. J. Q. A. Field knows every branch of the business from A to Z and a short conversation with him concerning local trade, past and present, is time well spent. Both members of the firm are in close touch with every employee. A number of quarry men and cutters have been in the firm's employ since they commenced business, twenty-three years ago.

A. M. Deane & Co. are receiving a goodly share of wholesale and retail patronage. Their polishing mill and cutting plant are worked to their capacity. Mr. Deane informs the writer he has ready for shipment to New York parties, an elaborate Westerly monument with an excess of ornate carving, the whole to be surmounted by a female figure after a model of John Harrigan, the well known sculptor.

Matthews & Co., over on Glencoe place, have taken possession of the entire sheds left vacant by the removal of P. O'Brien, who has a more central location on Granite street.

M. Monihan, of West Quincy, is to install a new 50 h. p. electric motor.

Some Nice Jobs Under Way.

The Smith Granite Co. have received the contract for a large soldiers' monument to be erected in Maine. The die will be of the celebrated Granite Railway Co.'s stock, and highly polished. The base and shaft calls for Barre granite and when completed will stand over 20 feet in height.

This enterprising company has also under way an immense sarcophagus job. The proprietors have found it expedient to abandon their gasoline engine and will install an electric motor for power.

D. F. Fitzgerald, on Miller Street, West Quincy, has made wonderful strides in the manufacturing line since commencing business some few years ago. He is now occupying the plant of the defunct firm of Miller & Luce and has changed its appearance materially. For size and equipment, both in the cutting and polishing mills, there are few to surpass it in the city. A 50 h. p. electric motor furnishes the power for the entire plant. In the polishing mill are installed the latest improved machines of a Barre concern and some of the latest patented by the Badger Bros. Machine Works, of West Quincy. Mr. Fitzgerald told the writer that he is going to give the machines a careful and impartial test and promised to report later on their efficiency.

The Quincy Quarries Co., under receiver Thomas J. Dunphy, are to remove several of their rock crushing plants to their O. T. Rogers quarry in West Quincy, as there is a growing demand for this material at present.

John J. Gallagher, who furnishes the trade with supplies, has taken the agency of the Penn Petroleum Co., of Philadelphia, and in future will see that all granite manufacturers and quarry owners will get the best of lubricants at prices which are right. He has arranged to store a quantity of the oils, so that the consumer may be able to procure his lubricants in large or small quantities without vexatious delays.

A. Marnock & Co. have lately finished and shipped some extra large jobs in Westerly and home granites. Mr. Edward Marnock, who has charge of the local office and yards, bespeaks a prosperous summer and fall season.

John R. Richards, at his modernly equipped plant on Penn Street, has his share of wholesale and retail work. He also reports a good business at his branch works in Malden and Taunton, Mass.

Alexander Cowe & Son have started business in new and commodious shed on the westerly side of Centre Street. The shed is built for the comfort of their employees and will be equipped shortly with every modern appurtenance.

George Ruxton, through a trio in the local manufacturing field, has had a good month's business in both wholesale and retail fields, and is confident of more to come, or just as soon as he becomes established.

Alexander Smart, late foreman of Joss Bros.' polishing mill, has assumed full charge of the Lincoln Polishing Co.'s mammoth mill, which is now in full operation.

William J. McLeod's new and enlarged polishing mill, west of Centre Street, is also in operation, and a number of machines are busy on a bulk of work for local parties.

Will Revive Old Industry.

Paul Guenella, at his new plant on Federal Avenue, proposes to revive and enlarge an old industry. McGrath Bros., for the past fifty years, made a specialty of marble work. They were pioneers in the business as regards this city, and now Mr. Guenella has planned to revive the industry and carry it on through in a much broader manner. A number of skilled sculptors are now employed by him and marble statuary as well as marble for interior purposes is to be manufactured. A contract for \$20,000.00 worth of marble for interior decorations has recently been placed by Mr. Guenella. A new spur track from the New Haven system enters his property and will hasten the shipments of finished work.

Hon. Albert A. Brackett, for many years identified with the Mt. Pleasant Quarry, in East Milton, died at his residence in that town on the evening of April 4. He was born in Quincy 56 years ago and received his education in the public schools of this city. Since 1874 he has been a resident of Milton. A Republican in politics, he held many public offices both in the town and state. Mr. Brackett was past master of Rural Lodge of Masons of this city, being master from November, 1882, until November, 1884. He was also a member of Joseph Warren commandery of Knights Templars. He left a widow and daughter to mourn his loss.

The local granite cutters are using every endeavor to retain the national headquarters of the union in this city. Under rules of the union every branch will vote upon the location of headquarters next July and the next move of headquarters will be for a term of five years instead of two years as formerly.

The shipping figures for the month of March show an increase 1,460,445 pounds in rough and finished granite to be dispatched by rail over that of the preceding month. The amount from each depot was as follows: Quincy Adams, 5,355,815 pounds; West Quincy, including the Quarry railroad, 2,991,420 pounds. Total, 8,347,235 pounds.

Anticipate a Good Season.

MACHIAS, ME., April 26.—Preparations are now being made to do an extensive business this summer by the Machias Granite Co. Some nice contracts have already been secured by this company, and a large force of hands will be given employment. While operations have not as yet begun at the quarry it will only be a short time until great activity will be shown there. New stone sheds and blacksmith shop are being constructed which will add to their facilities very considerably.

Secures Some Nice Contracts.

GRANITE OKLA., April 24.—The Ruggles Granite Co. has just closed a large contract with the Rock Island Railroad Co. for granite. This includes 300 cars of granite, cut for bridge work and broken granite for rip rap work. This is probably the largest granite contract ever let in the territory. This company also has contracts for granite used in the Catholic Cathedral at Wichita, Kan., the End courthouse, Okla., and the Mangum courthouse. This company is now putting in a large polishing plant in connection with the quarry at Granite and making other improvements.

Preparing for Big Operations.

The Bown Quarries and Construction Co. commenced operations recently at its green granite quarries in the mountains near Avoca, Pa. A large force of men are at work installing machinery and making necessary improvements. Included in the machinery being installed are a stone crusher and rubbing bed, both to be the largest of their kind in this section of the country.

The quarries are situated on the Wilkesbarre and Eastern railroad, over which road the company contemplates making large shipments to New York and other large cities. At a meeting of the company's stockholders recently, the following officers were elected: E. J. Wildrick, president; J. H. Breymier, vice president; H. L. Edsall, treasurer; William J. Douglas, secretary; Wm. Bown, manager.

INDIANA OOLITIC LIMESTONE



STATE HISTORICAL LIBRARY, MADISON, WIS.

This striking building, on classic lines drawn by Ferry and Clas, architects, is one of the group of the Wisconsin University buildings, the most elaborate and attractive of all and was built of Indiana oolitic limestone from the quarries of the Consolidated Stone Co., with offices at 322 Monadnock Building, Chicago, Ill. The exquisite interior marble work was furnished by The Grant Marble Co., Milwaukee, Wis. The great athletic field of the university, comprising something like thirty acres, is immediately in front of the library building, affording a full view of its splendid proportions and exquisite details. No better representation of Indiana oolitic limestone is to be found anywhere and of all the Wisconsin State buildings, it is the premier.

Tell 'em you saw it in ROCK PRODUCTS.

PERRY- MATHEWS- BUSKIRK STONE COMPANY.

GENERAL OFFICES:
320 Monadnock Block, CHICAGO.

Quarries and Mills:
BEDFORD, IND.

NEW YORK OFFICE, Fuller Building.

BOSTON OFFICE, 45 Milk Street.

PHILADELPHIA OFFICE, Witherspoon Building.

CLEVELAND OFFICE, Hickox Building.



CUT STONE CONTRACTOR. JAMES A. MCGONIGLE, LEAVENWORTH, KANSAS.

The Consolidated Stone Co.

DARK HOLLOW QUARRIES, BEDFORD, LAWRENCE CO., INDIANA



Producers of the Celebrated Dark Hollow Buff and Blue Bedford, Indiana, Limestone. Their large Mills are equipped with the most modern machinery, capable of filling promptly the largest orders for Sawed Stone—every description of planed molding—Balusters and turned columns and bases of all descriptions.

General Offices: 322-324 Monadnock Block, Chicago.

NEW YORK OFFICE, 1123 Broadway.

PHILADELPHIA, 730 Witherspoon Building.

BOSTON, 45 Milk Street.

Tell 'em you saw it in ROCK PRODUCTS.



BIRDSEYE VIEW OF QUARRIES AND MILLS, PARTVIEW OF PLANT.

THE BEDFORD QUARRIES CO.,

CELEBRATED

HOOSIER QUARRY

CHICAGO OFFICE,
204 Dearborn Street.

NEW YORK OFFICE
949 Broadway.

CLEVELAND OFFICE,
190 Euclid Avenue.

Quarries and Mills,
HOOSIER, IND.

W. McMILLAN & SON

INCORPORATED.

Bedford Indiana Limestone
MILL BLOCKS, SAWED, PLANED, TURNED



CHICAGO MILL:
642-654 So. Rockwell St.

GENERAL OFFICE:
Chamber of Commerce Building
CHICAGO, ILL.

QUARRIES AND MILLS:
Bedford, Ind.
Bloomington, Ind.

Tell 'em you saw it in ROCK PRODUCTS.

LEADING PRODUCERS OF BEDFORD OOLITIC LIMESTONE.

We are producers of Buff and Blue

AUDITORIUM HOTEL AND ANNEX, CHICAGO.

Bedford Oolitic Limestone,

Sawed, Turned and Machine Dressed.

OOLITIC STONE CO. OF INDIANA.

CONTROLLING

ROBERT REED, Sec'y-Treas.

THE BEDFORD QUARRY CO.

BEDFORD,

AND THE NORTON-REED STONE CO.

INDIANA.



The Above Buildings Were Erected From the Buff Limestone of Our Quarries.

John A. Rowe,

CUT STONE WORKS.

BUILDING STONERustic Monumental Work is Our Specialty.Our design book containing
52 designs, price . . \$1.00

BEDFORD, IND.

BEDFORD STONESawed, Planed,
Turned or CutBedford Steam Stone Works, BEDFORD, INDIANA

Estimates promptly furnished. F. O. B. Bedford or delivered.

Indiana Bedford Stone Co.,**MILL BLOCKS and
SAWED STONE.....**Complete Stock of Seasoned
Buff Stone and Quick Service.

BEDFORD, IND.

Furst-Kerber Cut Stone Company,

— CONTRACTORS —

BEDFORD OOLITIC LIMESTONE

Equipped to Work Winter and Summer.

Our Specialties: Good Workmanship, Material and Prompt Service Guaranteed.

Cutting Plant, BEDFORD, IND.

Main Office, 443 Fifth Ave., CHICAGO.

Tell 'em you saw it in ROCK PRODUCTS

Quarries.

Uniformity in Measurement and Inspection.

At the last meeting of the National Quarry Owners' Association there was considerable discussion as to the evils in the trade. One has crept in and that is of kicking on measurement by cut stone men and contractors. While it is really not very serious, there being few cut stone men who have reason to and do complain, there are a few quarriers who are not very careful in giving orders close attention and seeing that they are filled as specified and that the stone shipped is strictly on grade and the number of feet marked on the bill. But you can understand how annoying it is to a quarryman who ships one or ten carloads of stone 1000 miles and thirty days after the cars have been unloaded some customer will write in and say: "Well, you are short," or "Your blocks sent us were not according to your invoice," for a man of experience will often get on the cars and ride this thousand miles and spend \$100.00 to correct a little mistake, because it is a bad habit for a customer to get into, to be complaining of a shortage all the time and not mention any overage that might happen. If the quarryman gets into the habit of making mistakes one way he is very likely to make them both ways. Surely the stone in the ground is not so expensive that quarrymen can afford to worry with a little matter of clipping down the measurement so they will make 20c on a cut stone man, but there are cases where the quarrymen are careless. Their men work for pay day principally and use their feet to do their thinking with instead of their heads, but there is a still worse evil, and that is the man who inspects stone in the office and then makes a complaint that there is a shortage. I have heard of several cases lately covering this point and I was surprised to look at the men who do these little things and I am sure it was a disappointment to me to know that they were connected with the business.

What is needed in the stone business to-day is co-operation, and for the quarryman and the cut stone man to see that the greatest number of feet are used annually in buildings and that a good fair price is secured, so that the quarryman and cut stone man will both make money for they cannot afford to have little difficulties cause hard feelings and often extra expense for the sake of small complaints that might come up in the ways mentioned above. We have corresponded pretty generally with the quarrymen on this subject and we are glad to note that there are fewer instances than ever before of this trouble and it is to be hoped that the future will be void of difficulties that prevent good team work and greater prosperity in the stone business.

New Company Purchases Land.

READING, PA., April 30.—Four tracts of land in lower Berks and upper Chester, aggregating about 1,925 acres of land, were sold by Edward Brooke, of Birdshoro, and John J. Williams, of Philadelphia, to the Schuylkill Stone Co. The new company expects to open extensive stone quarries. W. R. Richard is the president and M. J. Wiatt is secretary of the new stone company.

New Equipment Necessary.

CEDAR PARK, TEXAS, April 24.—The George T. Allen quarry is increasing its facilities for handling orders. The largely increased demand for stone from this quarry has necessitated the erection of two new derricks and the purchase of a new four-inch tired truck. The stone turned out is not only a high grade building stone but is of a texture most popular with builders as well as contractors. The young ladies' dormitory on the west grounds of the State University is finished with stone from this quarry and other shipments have been made to various points throughout the State. The increased business demands still further improvements and Mr. Allen is now figuring on a new channeler, to cost approximately \$2,000.00.

MAKING UP FOR LOST TIME.

Bad Weather in March Causing Loss of Time and Money Makes Abundance of Work for Quarries and Mills in Oolitic District.

M'KAY TELLS ONE ON JOINER.

A good story was told to the Rock Products' man the other evening on board a Monon train going from Bedford to Bloomington. The author was Capt. D. McL. McKay, that ever genial old (?) salt, who stirs up things for the big Consolidated Stone Co. If the captain likes anything better than a good joke it is nothing less than his everlasting pipe which, like Tennyson's brook goes on forever. George Hunter, the able exponent of the Sullivan Machinery Co., was also along and can vouch for the authenticity of the following. It seems from the Captain's introductory remarks that while in Chicago, he and Charlie Walters, of the P. M. & B., had been considering the comfort of Nat Joiner. Now it's quite a walk from the P. M. & B. office, at Bedford, to the quarries and as Mr. Joiner has to know what is doing at both ends of the line, Mr. Walters was thoughtfully considering different modes of rapid transit to facilitate Joiner's movements. Captain McKay is responsible for the rest. Well at last Charlie conceived a great idea. He asked me if I didn't think that an automobile was the happy solution of the transportation question. That seemed just the thing and I told him I thought it was a capital scheme. Now this conversation took place some time ago and to-day is the first time I have been to Bedford since. Well Nat has had his machine just about a week and he is in an awful lot of trouble. It's like this; everything would be all right if the thing didn't scare horses but it's the first auto that has been brought to Bedford and hence the trouble. Nat goes out to the quarries in the morning just about the time that the country people are coming to town. Every time he meets a horse and wagon he has to run his machine into a mud bank. Like a pilot steering for a sand bar, and then climb out and help the countryman lead his team around the thing. Then you see he leaves the quarries about the same time that the same people are driving homeward and then it's the same thing over. The more horses Nat meets the oftener is he compelled to lead into a bank, shut off the gasoline and help pilot the indignant horses around the devilish machine. Now instead of Nat getting to the quarries in a few minutes it takes him anywhere from three to four hours according to the number of people going to and coming from town. He told me confidently that on Saturdays he went about as slow as a big car of stone through a railroad yard blocked with banana trains."

The Captain maintains however, that at the time he approved Charlie Walters' idea about the automobile he had imagined no such difficulty in the navigation of the craft in strange waters.

The Situation in Bedford.

The first thing noticeable in a visit to the quarries and mills around Bedford is the great activity exhibited by every plant in the stone business. The month of February promised an early spring and balmy weather, and early improvements were made. Stripping was well under way by the middle of the month and in a great many places channeling was in progress during the last part of February. Then contrary to all expectations March proved a disastrous period for every one in the Oolitic district and on account of the freezing weather and unfavorable conditions, operations had to be entirely suspended in the quarries which meant a loss of thousands of dollars to the quarry men and effected great damage to the mills. These severe conditions, according to the best informed operators, caused a loss of fully three weeks time. Now that spring has really arrived every opportunity is being improved in order to produce stone as fast as possible and in a way make up for lost time.

The strike of the planer men in the mills has ceased to be a matter of importance. These men demanded an increase from the regular scale of 28½ cents per hour to 35 cents. These exorbitant and entirely unreasonable terms were met by a flat refusal from the operators and naturally a strike ensued. It did not take the opera-

tors long to fill the places of the strikers and to-day every planer in the district is in operation. New men have filled the places of those not willing to work at the 28½ cent scale and as a result there are some planer-men in Bedford without a job. It is simply another case of "look twice before you leap."

Orders seem to be coming in well and no one is complaining of a lack of business. All prospects seem good for a most prosperous season, while the many improvements in the various plants heretofore mentioned in Rock Products make the capacity of the district larger than ever for the production of the far famed Oolitic limestone.

Old Mill Refitted and Running.

James Calhan, the able superintendent of the George Doyle quarries has completely transformed the old mill, which the company has not operated for nearly eight years. This plant is situated on the Monon tracks in Bedford and was operated for 5 years by the Furst-Kerber Co., and last year by the Consolidated. It has been well overhauled by Mr. Calhan and all machines put into first class running order. The equipment consists of six gangs, two planers and one header, all made by the Lincoln Iron Works. The mill has been in operation about three weeks on regular custom work. Of course all the stone comes from George Doyle's quarry at Oolitic. This, by the way, is one of the oldest quarrying operations in the district as it was opened in 1879. Here there are 4 Sullivan channelers in use besides two of the Wardwell make and four large derricks. Steam is used exclusively for the power.

Mr. Calhan is a first class quarryman and stone cutter and has been with Mr. Doyle for 18 years. The proprietor of the establishment is now abroad.

Everybody Busy at Dugan's

So much stone has been cut and is piled high in George Dugan's mill, that it is almost impossible to imagine that 25 cars of cut stone have been shipped in the past few days to Frankfort, for use in the Kentucky capitol. It can be said that this amount was but a drop in the bucket compared to the huge amount that still remains not shipped. Mr. M. F. McGrath, who looks after the operation of the mill, has been a busy man ever since the contract was awarded and has lost no time in producing stone for this job. The first floor material has been ready for some time and the second floor is nearing completion. Mr. Dugan is at Frankfort most of the time and is preparing everything for the rapid handling of the stone at that end of the line. Mr. McGrath says that the work of setting the granite has begun and that if this is finished in good time that they expect to have all of the first story set by July 1st. This gives the plant all that they can do at present except supplying a few much smaller orders.

Furnishing Stone for New Cincinnati Hotel.

One of the largest contracts on hand at John Rowe's mills at present is the cutting and furnishing of stone for the new Clinton Hotel now being erected on the corner of Fourth and Vine Streets, in Cincinnati, O. This contract was originally secured by George Dugan, who in turn placed it in Mr. Rowe's hands. The stone furnished is coming from Mr. Rowe's quarries, the Indiana Bedford Stone Co., and is being cut and shipped as fast as possible from his mill. The entire construction calls for 30,000 cubic feet. Mr. Frank W. Andrews, of Dayton, O., is the architect who drew the plans for the Clinton Hotel and will be remembered as the designer of the Kentucky State Capitol building besides other large and handsome structures in different parts of the country.

Another job of importance now being finished in this well equipped plant in the new post office building in McKeesport, Pa., which will require 16,000 cubic feet of cut stone. Besides this the large monument department in connection with Mr. Rowe's business is in steady operation and enjoying a good patronage. This is in fact one of the busiest plants in the district at present but Mr. Rowe is a hard worker and doesn't mind it.

Find Fine Quality of Blue Stone.

In their Dark Hollow quarries, near Bedford, the Consolidated Stone Co., of Chicago, have found an extraordinarily fine quality of blue stone both light and dark. Twenty feet of this stone was found at a depth of 40 feet under thin

buff stone in what is called their Nos. 7 and 8 quarries. It is of an exceptionally fine texture and strange to say was found in a place where heretofore the quarrying has revealed bastard rock. The stone is of the same quality as that used in the construction of the St. Regis Hotel in New York City. Mr. T. O. Troy, the superintendent, says that at present the plant is running both day and night with an output of 18 cars per day.

Captain McKay expresses himself as pleased with the outlook for continued good business, as far as orders are concerned. He has just returned from a trip to Montreal, Toronto, Quebec, and other northern cities, where he states that only last week he stood in snow over his shoe tops. To show what a jumper the captain is, only ten days before his trip northward he was diving as joyfully as a dolphin in the warm waters of Tampa Bay.

Mike Wallner Working Hard.

Mr. Mike Wallner, superintendent of the new Bedford Stone and Construction Co., and the Bedford and Wallner R. R. Co., is finding a wide field for his untiring energy in the perfection of those two large undertakings. The main thing now, however, is the railroad to be built from the quarries to Bedford, a distance of three miles. Three large gangs of men and thirty teams are at work every day pushing the road to completion as rapidly as possible. Mr. Wallner wants 30 more teams and says that there will be an all summer's work for them at \$3.50 and \$3.75 per day. These would facilitate matters to a great extent. Arrangements are being made for the purchase of 300 tons of 60 pound rail and ties have already been contracted for.

At the quarries of the Bedford Stone and Construction Co. the work of channeling is in progress, although all work is merely in preparation of the completion of the road. Two Ingersoll Channelers were shipped on the 23rd of this month and two new derricks have been erected.

The company expect to have the railroad completed by the middle of July, after which work will immediately begin on the erection of a very large mill on a site of 35 acres, in Bedford. If Mr. Wallner's plans do not miscarry stone ought to be shipped from the quarries not later than August.

Running Day and Night.

The Bedford Steam Stone Works have a large amount of business on hand and are operating their large mill both day and night in order to make shipments as rapidly as possible. Most of their present business calls for sawed stone.

The Brooks & Curtis Stone Co. are among the busiest of the millmen in the entire Oolitic district and their mill is running to the fullest capacity. Mr. Brooks and Mr. Curtis are both practical stone men and are nearly always found right in their mill where they see that every piece of work is perfectly made and finished.

Mr. Robert Reed, of the Oolitic Stone Co., of Indiana, and the Norton-Reed Stone Co., says that business with them is in a flourishing condition and that there is every reason to look forward to a continuance of prosperity in the district.

The C. S. Norton Blue Stone Co., begun the operation of the famous "Royal Blue" quarries on the first of March, but bad weather delayed their work as it did with nearly every operator in the district. The same can be said of the Climax Stone Co., who began work on March 4th. Both of these companies have a great deal of work on hand at present and are running steadily.

It is very seldom that any one can find the Furst-Kerber Cut Stone Co.'s plant idle or suffering from lack of business. Their high quality of product guarantees for them a continual patronage. Upon our visit to this plant the usual activity was noticed.

BLOOMINGTON PEOPLE BUSY.

Most prosperous conditions prevail at Bloomington, where every quarryman and mill operator is taxing the capacity of their works to the utmost to fill orders as rapidly as possible. Here of course the unfavorable weather conditions in March had the same effect as in the city of Bedford and all plants were set back in their work to a great extent.

The latest things to interest the citizens of Bloomington are the beginning of the operations of the Indianapolis Southern Railroad and the proposed building of a new court house for the county.

The Southern Indiana R. R., which is constructing a line from Indianapolis to Switz city has its road completed to within one mile of Bloomington and on the finished part trains were put in operation on the 23rd of April. In a week the railroad will be running right into Bloomington while work is being pushed rapidly on the remainder of the line to Switz city. Then it will not be long until the necessary switches to the quarries will be built and the quarrymen will have another outlet for their product.

Bloomington is at present the possessor of a brick courthouse entirely out of harmony with its surroundings. However, plans are now on foot for the erection of a structure in which will be used the fine Oolitic stone and which will be a source of pride to every native of the county. Four architects have been chosen to submit plans for the building, and these are: C. A. Krutsch & Co., of Indianapolis, Wing & Mauhrin, of Fort Wayne, Frank Melburn, of Columbia, S. C., and Michols, of Bloomington. A large appropriation has been set aside for the erection of the court house and it will probably not be many months before the work is under way.

Began Building May 1st.

All of the foundation work upon the new mill being erected for the Bloomington Cut Stone Co., with which Mr. William Blair and Charles Franzmann are connected, has been finished and carpenters began work upon the frame part of the building on May 1. Orders have been given to the New Albany Machine Works to furnish the entire equipment for this mill and the machines with which operations will begin include three gangs, 2 lathes and two planers. Besides these an electric traveler will be installed and the necessary power plant.

Mr. Blair looks forward with eagerness to the time when the construction work will be finished and he will have a chance to get busy with the operation of the plant. In this concern he will sell the cut stone, do the work of secretary, etc., while Mr. Franzmann, one of the most experienced stone operators in the entire district, will have charge of the working of the plant. This combination guarantees success in the venture from the outset.

A Prominent Stone Operator Dies.

Rev. W. S. Hooper, of Mattoon, Ill., president of the Eagle Stone Co., died on the 19th day of last month at the Montgomery Sanitarium in Charleston. Death resulted from Bright's disease.

Mr. Hooper has been a minister in the Methodist church for 48 years, having his first charge in Alton, Ind., and at different times in his life had filled the office of president in the Rockport Collegiate Institute and the Marshall Seminary. He was born in New Albany, Ind., August 15, 1836, and was a graduate of the University of Indiana at Bloomington. In 1861 he enlisted for the war, but the same disease which eventually ended his life prevented him from passing the necessary physical examination to enter the service.

About two years ago Mr. Hooper entered the stone business with his son-in-law, Mr. Frank Kern, general manager of the Eagle Stone Co., and at that time took up his residence in Bloomington, where he was always highly respected by every citizen with whom he came in contact. Last fall he left Bloomington to return to his home at Mattoon. He was a most enthusiastic Mason and Knight Templar, being a member of the Mattoon Lodge No. 260, and Godfrey de Bouillon Commandery No. 44. His last public appearance was before a meeting of this latter body, when he delivered an address on the subject "Christianity and Knighthood," which was considered one of the best of his many oratorical efforts.

Mr. Hooper has a host of friends won by his ever kind consideration for everyone of his large acquaintance. Everybody who knew him laments his death. The funeral took place at Mattoon on the 21st, the exercises being conducted by the masonic bodies of that city.

Have Laid Out New Quarries.

While Capt. McKay was in Bloomington the other day he and Supt. F. W. Oberst, of the Consolidated, went over the ground at the quarries and picked out a place for new operations. The new quarry to be opened will be called an extension of the big No. 3. Work will not begin in the new place for some time however.

The Consolidated Co.'s plant here is well supplied with orders and are running their plant both day and night, in order to get the stone out

as rapidly as possible. The present output is 15 cars per day.

Mr. James Miller, who was superintendent of the Bloomington quarries of the Consolidated for seven or eight years and until bad health compelled him to rest up for a while, died in Nashville, Tenn., on the 21st day of last month. Death came suddenly after Mr. Miller had returned to his home from a trip down town, where he purchased a pair of glasses. He was a most experienced quarryman and is well known in the trade, where his death came as a great shock to all.

New Mill in Operation.

The Hoadley Bros. mill at Bloomington, although not yet complete has been started. The machines are in operation, three gangs, a planer a header, all of the New Albany make. Other equipment will be added as it is required. The mill is well located being right in the yards of the Monon R. R., about three fourths of a mile from the city of Bloomington. The proprietors are Elmer and John Hoadley, who are two of the best known stone operators in this section.

The Monarch Stone Co. is shipping about two cars of block and two of sawed stone per day. Their plant is rushed with work and among the contracts on hand there is one which calls for 150 cars of sawed stone to be shipped to Pittsburg to be used in the erection of a church.

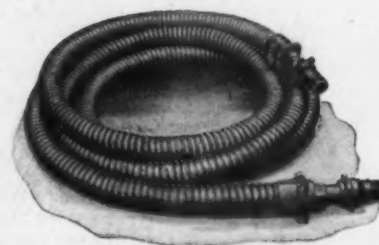
At the quarries of the company four Wardwell channelers are used. Mr. Breeden, who is in the mercantile business, besides having the management of the quarries upon his hands, is a very busy man. He is certainly considering leaving the affairs of the stone business in the hands of someone else, as the combined affairs take too much of his time.

Mr. George W. Henley, of the George W. Henley Stone Co., says that his company has enough orders on their books to last them for the season and they are pushing everything to the limit in order to produce stone in big quantity.

Sprague Electric Company

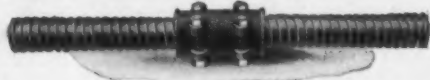
MANUFACTURERS OF

FLEXIBLE STEEL ARMORED HOSE



FOR STEAM OR COMPRESSED AIR

One of the largest quarry companies writes: "In all our experience we never have seen the equal of this armored hose."



When a piece of hose is damaged in one or two places, don't throw it away. Cut out the damaged part and unite the good pieces with our Splicing Clamp.

Write for a copy of Descriptive Bulletin No. 50541.

GENERAL OFFICES:

527-531 West 34th Street, NEW YORK.

CHICAGO OFFICE: Fisher Building.

Stone.

The National Cut Stone Contractors' Association.

Meets Semi-Annually.

Robert E. Harrach, Chicago, Ill. President
P. B. Parker, New York City. First Vice President
George Dugan, Bedford, Ind. Second Vice President
Henry Struble, Chicago, Ill. Secretary-Treasurer

Official Organ, ROCK PRODUCTS.

Plenty of Contracts on Hand.

BALTIMORE, Md., April 16.—Clough & Molloy, large cut stone contractors, write us about the outlook with them. They say: "We have a number of large contracts on hand, among which are the contracts for the following buildings to be constructed of Indiana limestone and granite. The Pennsylvania railroad ticket office, Baltimore and Calvert Streets, Maurice Gregg Building, East Baltimore Street.

"Funeral apartments for Messrs. Evans & Spence, Mt. Royal Avenue. We have also on hand the contract for about 150 dwelling houses, the front of which will be Georgia marble."

Honor to Whom Honor Is Due.

CHICAGO, ILL., April 13.—Mr. John Tait, of 3401 La Salle Street, a large contractor and dealer in cut, sawed and other stone, calls attention to an error of our correspondent, which we most cheerfully correct. He writes us: "In your issue of April 5, I note that you have in an article, that Mr. A. F. Gibson has just completed the cut stone work on the Borland building. John Tait did the cut stone work on the Borland Building. It might be as well to say that I have the contract for the Auditorium Annex, and several more buildings."

Has Enjoyed Big Business.

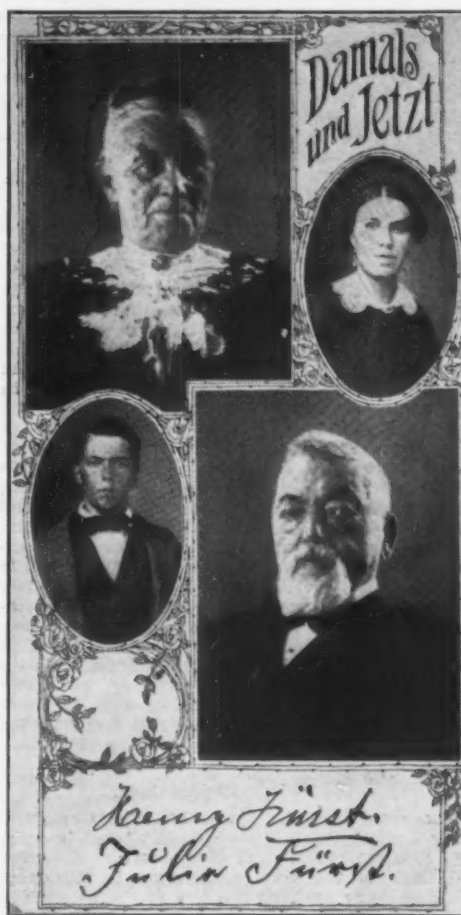
CONCORD, N. H., April 20.—W. O. Sweet, manufacturer of bush hammers, writes us, saying: "I have made a few changes by adding more machinery and men. Our buildings have been improved and grounds about them nicely laid out. Business is very good, indeed, and I have to report the best month's sales up to present date as the best for several years. My special work is the manufacturing of bush hammers, and I have taken the liberty of sending a Bush Hammer Bulletin to you. I enjoy reading your paper and consider it the best of its kind."

New Plant Purchases Property.

NASHVILLE, TENN., April 14.—The Bardon-Fulcher Cut Stone Co., quite recently purchased some additional property and have just begun operations at their large cut stone plant. The cost of the property was \$6,000.00 and the company is operating a modern plant with a large force of skilled employees. Among the advantages enjoyed by the company is an L. & N. R. R. switch, which connects their plant with the main line, and adds very materially to their operations. The officers of the company are: President, J. P. Fulcher; general manager, M. E. Bardon; Secretary and Treasurer, S. D. Wade.

Prospects Very Encouraging.

KINGSTON, N. Y., April 10.—No change in prices on spring orders has been noticed by the Hudson River Bluestone Co., 280 Broadway. Good business has ruled in this trade for two years steady, with the building boom and new street openings as the main contributing forces. The city yards of the Hudson River Co. have been cleaned up as never before in a decade and at the company's Ulster county quarries work goes steadily on, the frost not effecting bluestone like other stone. On account of labor demands they have been sending stone to the New York market machine dressed only, finishing it here instead of at their up-state plant.



RIPENED FRUIT IS SWEETEST TO THE TASTE,
AND LOVE SHINES ON BEYOND YOUTH'S RAGER HASTE.

A Golden Wedding.

There was an event in the stone trade in Chicago last month. Mr. and Mrs. Henry Furst, Sr., celebrated the fiftieth anniversary of their wedding. It was one of the pleasures of Henry Furst, their son, to make this a great event in the life of his mother and father and that he succeeded no one who knows him will doubt. But the enthusiasm of the many friends of the family, and many are connected with the stone business, tells the story very plainly. It was one of those occasions where society stiffness was a lost art. Every one present came with the idea in view of enjoying the occasion and they did it. There were 175 guests present and the anniversary was celebrated at Illinois Hall. Mr. and Mrs. Furst were married again according to the ceremony. Both were born in Germany and were married in Chicago 50 years ago and have always lived in the Western metropolis. Mr. Furst has been for many years connected with the stone trade, retiring several years ago to enjoy the later years of his life, having had an active business career and a successful one. The old people were in good health and participated in all the doings of the evening.

After the ceremony an elaborate banquet was served and Henry Struble was the Toastmaster of the occasion. Mr. Henry Furst, Sr., made a few remarks in appreciation of this pleasant occasion, showing and acting his happiness at having so many of his friends around him. This was responded to by his son, Henry Furst, Jr., who in a few well chosen words said he hoped all would enjoy and remember this occasion and have the pleasure of celebrating yet many other anniversaries.

A loving cup was presented to Mr. and Mrs. Furst by their chums and cronies of many year's standing. Prof. Willits sang several times and his encores were full of enthusiasm. It was not necessary to sing "We won't go home till morning" for most of the guests stayed through the evening and long into the morning. Many of the number were men well known in the trade, namely, Mr. John Tait, Mr. Sandy Gibson, Mr. Heldmaier, Mr. Stein, Mr. Chas. Walters, and others. Dancing was one of the features of the

evening and it is said that Hugh Storey danced with every lady in the house. Pretty good for an old man.

The Wilson Stone Co., of Newark, N. J., has been organized with a capital stock of \$2,000.00. Lynn B. Wilson, Edward Kibbler, C. W. Montgomery, W. Montgomery and F. C. Evans are the incorporators.

The Newtonville Stone Co., of Woodbury, N. J., has been organized with \$20,000.00 capital stock. The company will do contracting, deal in building materials, etc. A. S. Weymouth, Weymouth, N. J., Blair Smith and David O. Watkins, Woodbury, N. J., are the incorporators.

The Sunbury Stone Co., of Columbus, Ohio, has been organized by Humphrey Jones, John Pugh, A. J. Price, David Krause and William Jones. The capital stock is \$10,000.00.

The Hoadley Stone Co. has been organized at Bloomington, Ind., to deal in cut and sawed stone. The capital stock is \$25,000.00. John W. Hoadley, E. E. Hoadley and Minter Cline are the directors.

The Goodall Cut Stone Co., of Bedford, Ind., has been incorporated with \$1,000.00 capital stock. Wm. R. Goodall, Richard Roberts and W. S. Holcombe are the incorporators.

The American Stone Co., of West Franklin, Ind., has been organized with a capital stock of \$15,000.00. The incorporators are: William L. Williams and Albert L. Swanson, Evansville; Walter D. Weaver, West Franklin; William E. Hasting, Mt. Vernon; Rensselaer H. Isman, New York.

The Maxville Stone Co., Winchester, Ind., has been incorporated; capital stock, \$10,000.00. Incorporators are: Jesse T. Moorman, Ed S. Goodrich, Ed T. Botkin and James P. Goodrich.

The Matamoras Stone and Contracting Co., of West Hoboken, N. J., has been incorporated with a capital stock of \$100,000.00. Incorporators are: Charles T. Bauer, Louis Kleswetter and Frank R. Kleswetter.

The Delaware River Stone Co., of Elmira, N. Y., has been organized. The capital stock is \$50,000.00. The directors are: Friend Shannon, Kirkwood; J. A. Allis, Upper Montclair, N. J.; A. J. Shannon, Lackawaxen, Pa.

Heavy Dressed Stone

3000 TONS FOR QUICK SALE!

Hard gray conglomerate dressed Beds and Joints, hammer dressed on face. Ready for immediate shipment.

Here's a Chance to Save Money!

Write for delivered Prices.

Thos. P. Conard & Co.

2 S. 15th Street,
Philadelphia, Pa.

Monuments.

More State Associations Desirable.

Ample evidence of the good work done by the state monumental associations is continually in evidence. No other cause has done so much to improve the condition of this industry as co-operation has done. For years the average monumental dealer has labored against a horde of evils, which apparently could not be eradicated. Instead of improving as time went on, these evils multiplied, and it became harder for the legitimate dealer to get a reasonable profit in the face of such a discouraging state of affairs. The needful remedy was sought in the banding together of the several dealers in their respective states and forming an organization to give strength to the industry.

The news that more states are falling in line is gratifying, and it is to be hoped that Kentucky and Tennessee will not long remain outsiders. The dealers in these states are far from working harmoniously. There is a sufficient number to form live associations, and the disagreements, price cutting and other similar evils could be very materially reduced.

It is folly to hope for conditions to right themselves of their own accord. There must be an incentive strong enough to combat and overcome petty jealousies, which assuredly exist in a great measure in the monument industry. Let the dealers in these states, as well as those of other states, which have not as yet organized themselves into an association, hasten to do so. They desire to improve their condition and increase their profits, and the safest and most satisfactory way to do so is by united effort.

Mayor S. A. Collins.

Again it becomes our pleasant duty to record the popularity of a worthy monument dealer by his political preferment in his election to the office of mayor of his own city. Mr. S. A. Collins, the able and energetic secretary of the Wisconsin Retail Marble and Granite Dealers' Association, was elected mayor of Reedsburg, at the election held April 4th, in which he carried every ward in the city.

Mr. Collins has built up a splendid monumental business at Reedsburg with the assistance of his



S. A. COLLINS, LEADING MONUMENT DEALER AND MAYOR, OF REEDSBURG, WIS.

son, Mr. Theodore Collins. They are both practical men, wide awake and enterprising and deserve all the success their efforts have won. Broad minded in principle, Mr. Collins has done a great deal for the Wisconsin Association and in the capacity of its secretary has done no little to promote the best interests of the retailer throughout the state and to establish harmony and good feeling among the competing dealers.

We predict that in the high office of chief magistrate of his home city, that he will employ

the same broad minded policy and harmoniously conduct the affairs of the city so that every one of its enterprises will be fostered and built up so as to bear the mark of the Collins administration for years to come. We take our hat off to the Lord Mayor of Reedsburg, as we did to Mayor W. Barkley, of Barre, at the time of his first election and Mayor James S. Haley, of Montpelier.

Big North Carolina Organization.

SALISBURY, N. C., April 19.—The Carolina Marble and Granite Co. is represented here by a splendid shop with a show room containing all kinds of work, including some fine specimens of statuary. The local stone is used by this company exclusively for bottom bases, the stock they make up into monuments being principally New England granite, while the marble jobs on exhibition in the show room are largely Vermont and Georgia goods. The Carolina Marble and Granite Co. is quite an extensive concern, having four different shops located at Salisbury, Lexington, North Wilkesboro and Statesville N. C. Mr. T. J. Rabe, has charge of the Salisbury plant, Mr. R. L. Flannigen is at Statesville, Mr. C. Y. Miller is manager at North Wilkesboro, Mr. Zeb Deeter at Lexington. They all handle about the same grade of goods and in each case they are the only shop representing the monument business of their flourishing Southern towns. Business is good with them for outside competition is not as strong as it is in some localities in the Northern and Northwestern States.

The shop at Salisbury is full of work for completion by Decoration Day and this company has the reputation of putting up some very nice work.

Old Firm is Reorganized.

CHAMBERSBURG, PA., April 23.—The Chambersburg Granite Co., which was established in 1876, has been reorganized and incorporated. The capital stock of the new organization is \$30,000.00. This company succeeds the firm of Foebrs, Berger & Co., who were large contractors and manufacturers of granite, marble and stone. The old management will continue until June 1, and operations will be carried on at the old location, corner Main and King Streets. After that date the new office and warerooms of the company will be on North Second Street, near Falling Spring. The company hope for a continuance of patronage and have the fullest confidence in being accorded the same. The new officers are: John K. Berger, general manager, and W. C. Hunter, superintendent.

Establish Monument Plant.

WHEELING, W. VA., April 25.—S. White & Sons, monument manufacturers of Claysville, Pa., have purchased the monument business of Hobbs Bros., in this city, and will set up a complete monument plant at once. This enterprising firm have had an office in the city for several years, and have built up a very large and prosperous business. They have erected several of the finest monuments in the cemeteries about the city during recent years, and some of the finest mausoleums in the Ohio valley. Their business extends from Pittsburg to Parkersburg, and they are kept busy all the time. They will install fine automatic stone cutting machinery and equip their works with all the latest improved devices for getting out fine work on short notice, and for handling all kinds of granite and marble work.

A Design of Rare Beauty.

QUINCY, MASS., April 27.—John L. Miller, the enterprising South Quincy manufacturer, has erected in his spacious show yard a soldiers' monument, which, for simplicity of design and elaborateness of workmanship, merits much praise.



MONUMENTAL SHOP, S. A. COLLINS, REEDSBURG, WIS., UP-TO-DATE EQUIPMENT AND FINE LINE OF STOCK.



SOLDIERS' MONUMENT BY JOHN L. MILLER, QUINCY, MASS.

The monument will be shipped for erection near St. Louis, Mo., in time for memorial day.

The granite used is Riversdale (white) and Quincy (dark), and the blending of the colors is harmonious in every respect. The monument stands on a bottom base 7x7 ft., with rustic sides. The polished die is from the well known Field & Wild quarry, and has in raised polished letters the inscription: "To the Defenders of the Union." On the face of the shaft are the muskets and wreath delicately carved and letters perfect. The monument is surmounted by an eagle and ball cast in bronze at the foundry of John Williams, Inc., New York City.

The major part of the memorial is so finely hammered that the most careful scrutiny would fail to disclose the slightest imperfection. Mr. Miller was his own designer and prides himself on the fact that this carefully executed monument is only a specimen of the kind of work done by him. He will superintend in person its erection and be present at the dedicatory ceremonies.

Wants a Square Deal.

MEDINA, O., April 26.—Adams & Clark, live monumental dealers, write us: "We think that the retail trade needs such an organ as we believe you publish. Something honest, impartial, but friendly, and comprehensive in its scope, only we hope that you will not cater on one hand to the mere monument peddler, as some journals have done, giving information to men who have no license to be in this business. Or on the other side to the wholesaler and manufacturer exclusively as at least one other publication does. Give us a square deal, no more, no less."

Business is Only Fair.

BRYAN, WILLIAM CO., OHIO, April 21.—E. B. Willett, writes us: "Sold nice \$500.00 job in red Wisconsin, Anderson Bros. & Johnson stock. This job is to match one set for the husband. Goes in the cemetery near Defiance, and is of the old 'Culp' design of Wm. C. Townsend.

"Have had nice trade, but not what it ought to be with prospects in sight. If you find a gang man who wants a good steady job, tell them to write to me."

GEORGIA DEALERS UNITE.

The Georgia Marble Retail Dealers' Association Successfully Launched in Atlanta.

GREATEST ENTHUSIASM MANIFESTED.

The Georgia Marble Retail Dealers Association was launched at the Piedmont Hotel in Atlanta, Ga., April 14, amid the greatest enthusiasm. Forty-two representative retail dealers and practically all of the wholesalers in the State were in attendance. The Association met in the convention hall and was called to order by Mr. J. B. Roberts, of Ball Ground. The dealers were asked to step forward and register, and the following is a list of those in attendance:

The following were present: H. L. Davenport, Winder Marble Co., Winder; J. H. Page, Page Marble Co., Canton; F. M. Worley, Worley Marble Co., Ball Ground; R. M. Gaines, Gaines Marble Co., Cartersville; J. N. Cook, Atlanta Marble and Granite Co., Atlanta; H. P. Colvard, Dalton Marble Works, Dalton; W. H. Albright, Empire Marble Granite Co., Atlanta; I. N. Johnson, Johnson Marble Works, Quitman; F. M. Fowler, Fairburn Marble Co., Fairburn; George F. Gober, Jr., Gober Marble Co., Marietta; A. L. McRae, Latham-McRae, Ball Ground; Z. D. Harrison, Jr., Consumers' Monument Co., Ball Ground; J. N. Stanley, Ball Ground; J. A. McDougald, Statesboro Marble-Gran-

Roberts, who had been largely instrumental in calling the Association together, stated the purpose of the meeting as follows:

Mr J. B. Roberts talks.

Mr. J. B. Roberts said that if there was a state in the union that needed organizing it was Georgia, since he didn't believe that conditions anywhere were in as much need of improvement as they were in Georgia. Continuing, he said: "I am surprised and gratified beyond expression in seeing so many of the representative dealers present and feel encouraged to say that the success of the organization is practically assured. As I stated in the call the purpose of the organization is to encourage and foster the interests of the Georgia retail dealers. Much can be accomplished by organization and co-operation. Many reforms are necessary but we are not going to try to do everything at once. What we want to do to-day is to adopt a constitution and by-laws so as to have a basis of operations. We will not attempt any radical reforms but rather at this time get together so that we can better understand our shortcomings and point the way to higher and nobler objects. We want every dealer in the state that has a shop and cuts monuments to be with us, for without the hearty and earnest co-operation of all we can do nothing. We have made a good beginning but let us endeavor to secure the support of every member in the state. Let us get rid of the "bucket dealer," the man who has no shop and who by indiscriminate price cutting, has almost ruined the business in some sections of the state. Let us weed out the undesirable agents who have done so much to bring the monument business into disrepute. Let us show by our business methods that we are entitled to and deserve the respect of every fair minded and honorable citizen in the state. Let us raise the standard and let every man put his shoulder to the wheel and show by his individual effort that he means to make the association a success. I do not feel that at this time I can say any more, and I again thank you for your presence and sincerely hope you will all be benefited by having come here."

Mr. C. J. Clark, of Americus, and Mr. I. N. Johnson, of Quitman, also discussed the purpose of the meeting and brought out some interesting facts. Both expressed themselves as heartily in sympathy with the movement and gave their ideas of association work and of the immense benefit which ought to accrue to the members from becoming better acquainted with one another, and also of the crying evils which now beset the monument dealer everywhere, such as unfair competition and the lack of sufficient knowledge upon the part of the smaller dealer, which, as a rule, is the primary cause of the low prices which have obtained.

Mr. Tate made a fine presiding officer and while yet a young man is one of the representative marble men of Georgia. He is a member of the well known Tate family of Tate, Ga., his grandfather, Mr. Samuel Tate, having been the pioneer marble quarryman of that state, and his brother, Mr. Sam Tate is at present the president of the Georgia Marble Co., who are operators of the largest quarries in Georgia.

Mr. McCanless is another young hustler, being the manager of the Georgia Marble Finishing Works, at Canton, and was a great help to Mr. Roberts in furthering the organization.

The election of permanent officers to serve during the coming year was next called for and resulted in a spirited but friendly rivalry for the presidency between Mr. J. B. Roberts, of Ball Ground, and Mr. John F. Little, of Athens. The result of the election showed that Mr. Roberts had been chosen to guide the destinies of the Georgia dealers for the coming year. One of the first to congratulate him was Mr. Little, who assured him he would give him his heartiest support and stood ever ready to aid the movement in any way. Mr. Robert's election was heartily applauded and he was called upon to make a speech, but said as he had already made a talk outlining the policy of the Association he had nothing further to say at that time except to thank the Association for the high honor which they had conferred upon him and that although he felt his unworthiness to fill such a responsible position he would endeavor to give them the best he had in stock.

The election of secretary and treasurer was a walk-over for Mr. George F. Gober, Jr., of Marietta. Mr. Gober is one of the youngest retailers in the State, not only in point of years, but in experience he only having started in the retail

monument business a year ago, but in that short time he has built up a large and profitable business and has shown by his business attainments and executive ability that he is a good man for the place. No better selection of officers could have been made and the Association immediately got down to business.

The first question brought up was that of vice-presidents and upon motion it was decided to have four, one to be in each of the four corners of the State, or nearly so, the idea being that the vice-presidents should in a sense be missionaries and work up interest in the association in the quarter which they represent, and also be, in a sense, an executive head for that section, conferring with the President. Since Georgia is such a large State it can readily be seen that the division in this matter is a very wise provision and a great deal will depend upon the men who are chosen to fill these positions. It was first thought advisable to elect four vice-presidents, but since this was really a preliminary meeting, and as yet the members had not become acquainted with one another and did not know in which section of the state they resided, it was finally decided upon motion that a committee of four be appointed to confer with the president in regard to the appointments. Mr. John F. Little, Mr. C. J. Clark, Mr. W. H. Albright and Mr. A. White were appointed as this committee.

The next question brought up was that of directors, and after a full discussion of the subject Mr. Little made a motion, which was put and carried that the president appoint five directors and the selection was postponed until after the noon hour.

Several letters were received from dealers who



JUDSON B. ROBERTS, PRESIDENT OF THE GEORGIA MARBLE RETAIL DEALERS' ASSOCIATION.

ite Co., Statesboro; Woodstock Marble Co., O. D. Perkinson, Woodstock; Wm. A. White, Ball Ground Marble Co., Ball Ground; C. J. Clark, Clark Monumental Works, Americus; John W. Stokes, Atlanta; John F. Little, Athens Marble Co., Athens; J. E. Zachary, Newnan Marble Works, Newnan; Enterprise Coal and Marble Co., Atlanta; W. M. Boatner, Cobb County Marble Co., Marietta; M. L. Cox, Ellijay; J. A. McLain, Cherokee Marble Works, Canton; B. F. Perry, Jr., Perry Marble Co., Canton; O. A. Williams, Honea Marble Co., Ball Ground; A. H. Jacobs, The Ball Ground Marble Co., Ball Ground; J. B. Roberts, Roberts Marble Co., Ball Ground; Z. D. Harrison, Sr., Atlanta Marble Co., Ball Ground; also the following wholesalers: L. E. Tate, of the Georgia Marble Co., Tate; W. E. Tate, of the George B. Sickels Marble Co., Tate; E. A. McCanless, of The Georgia Marble Finishing Works, Canton; C. H. Atherton, of The Blue Ridge Marble Co., Nelson; and B. F. Lipold, representing Rock Products, Louisville, Ky.

Mr. Roberts then called for nominations for temporary chairman and Mr. Walter E. Tate, of Tate, Ga., who is connected with the George B. Sickels Co. was elected temporary chairman and Mr. E. A. McCanless, of the Georgia Marble Finishing Works, of Canton, was elected temporary secretary. Mr. Tate called for some one to explain the purpose of the meeting and Mr. J. B.



MR. GEO. F. GOBER, JR., SECRETARY-TREASURER OF THE GEORGIA MARBLE RETAIL DEALERS' ASS'N.

were unable to be present, but expressed their hearty sympathy and desire to co-operate with the movement in every way possible. The letters read were as follows:

LETTERS PLEDGING SUPPORT.

MACON, GA., April 14.—Confirming our phone message this morning, in which I explained to you on account of one of my children having scarlet fever I was unable to be in attendance this morning on first meeting of our Retail Dealers' Association, and sincerely trust that you understood me fully, beg to confirm our request by phone that you act as our representative, feeling assured that our interests would fare well at your hands, and also our request to be enrolled as members of this Association. I regret exceedingly that I was unable to attend, and did not know until this morning that I would not be. We thank you very much for your kindness in looking after this matter for us and feel confident that you will make a success of this movement.—Artope & Whitt. D. B. WHITT, Gen. Mgr.

CORDELE, GA., April 12.—Replying to yours of the 5th beg leave to say that we are with you in regard to the Retail Dealers' Association. And have so stated to the Georgia Marble Finishing Works when first interviewed on the subject, and fully intended to meet you in Atlanta on the 14th, but can't see just now how we will be able to do so owing to press of business, and then we have had a lot of sickness in our crew that has put us away behind in our orders.

If any future date we can fall in line and be of any service to the cause we will be more than glad to do so.—THE CORDELE MARBLE CO., (J. D. Wooten.)

ALBANY, GA., April 6.—Beg leave to acknowledge receipt of your two letters concerning the organization of the marble dealers of the State to protect themselves from certain abuses that are practiced to the detriment of all dealers that are honorable and square. I fully recognize the need of the adoption of some system that will eliminate and expel the cut-throat agents who invade the territory of others and offer work at prices that preclude the possibility of doing a profitable business, but it has seemed to me that it is useless to make any compact with, or to rely on any co-operation from these who are so lacking in a sense of honor and fair dealing that they do not hesitate to sneak around in the territory and town where another is doing business, and endeavor not only to talk up their own business and make great pretensions to prospective customers of superior facilities and vast wholesale methods that give them advantages over what they call their "small-fry" competitors, but by insinuations and suggestions try to leave the impression that they are quarry owners and operators on such extensive scale that they can sell marble as cheap to the customer as the owner of the small shop can buy it. I am in sympathy with the objects aimed at and outlined in your letter. I can not attend, however, but you can act as my proxy on any form that offer a chance of being made effective.—Albany Marble Works. W. H. MILLER.

NELSON, GA., March 17.—Replying to your letter will say: we are heartily in sympathy with the scheme of organizing a Retail Marble Dealers' Association. While we may not be able to have a representative at the proposed meeting, we will gladly become a member should it be properly launched, and will do all in our power to make it a success. Trusting you will have no difficulty in inducing all retail dealers to enter into the scheme, we are, THE CREOLE MARBLE CO.

ATHENS, GA., April 7.—Yours of the 5th received and in reply beg leave to state that I will try and meet with the Association in Atlanta on the 14th inst. If I should happen not to be there any action that is taken for the betterment of the trade will meet my hearty approval, as I heartily endorse the object of the Association.—BELL BROS. (F. M. Bell.)

CORDELE, GA., April 10.—Your letter to hand, contents noted. We have never received any literature stating anything about the Association except what you have written us lately. We have been advised by the President of the Georgia Marble Co., of Tate, Ga., that it is a good thing. Go ahead and protect our interests, and let us know, and send us more information concerning the Association.—THE CITY MARBLE WORKS.

DUBLIN, GA., April 12.—I find it will be impossible for me to attend the meeting on the 14th and name you as my proxy in all matters. I know you will do your best for the interest for all concerned, and trust you will have a large attendance.—W. F. WOMBLE.

DALLAS, GA., April 10.—I am just in receipt of your second communication soliciting me to attend the Retail Marble Dealers' Meeting to be held on the 14th, and I think now that it will be impossible for me to attend, but I will be there if I can. Carefully considering the subjects to be discussed on that occasion, and mentioned in your letter, makes me feel very anxious to attend. And I hope that every dealer in the State will be represented, as this is the only way in which we may hope to achieve success. As all other professions are organized, if we expect to accomplish anything we must also become an organized body. I have been thinking for a long time that the Mar-

ble Dealers ought to organize for their protection, and to further advance the interests of the trade. And as I have written you in a former letter I will heartily endorse any movement that is calculated to accomplish this end, and I will say to you that the subjects outlined in your letter meets my hearty approval.

Now, Mr. Roberts, in the event that I am not permitted to be present, I therefore ask you to represent me in behalf of our interests on any and all lines that will be for the betterment of the trade, and for the establishing of better rules and regulations than we have ever had before.

With best wishes to you, and success to the meeting. THE DALLAS MARBLE CO. (H. T. Parker.)

MARIETTA, GA., April 16.—The writer wishes to express to you his congratulations on your election as President of the Retail Marble Dealers, at the meeting held in Atlanta on Saturday, the 14th inst. He was very sorry indeed that he was unable to be present at this meeting, and it was his intention to be there, but was unable to do so on account of having a visit from a contractor that morning, on some important business, that he was unable to postpone. We wish to state that we believe this is an excellent move on the part of the retailers, and that if they will all join and pull together it will be of much benefit to them.

It has always been the policy of this company to protect the retail dealers in every possible way, and you can rest assured that we will still do so. We do not wish to receive the impression that because our company was not represented at your meeting that we were not in sympathy with you.—THE KENNESAW MARBLE CO. (A. V. Cortelyou, President.)

CANTON, GA., March 19.—Regarding the circular letter from the Georgia Marble Finishing Works, we did receive same and endorsed the movement at that time. We think a Retail Dealers' Marble Association would prove beneficial to all concerned if organized and conducted on the proper basis. Just how bad such an organization is needed can be seen by anyone who will take the pains to review the present state of things as pertaining to the retail trade.

It is the intention of the writer to be present on the date named to lend all assistance possible towards perfecting such an organization.—ANDERSON MARBLE WORKS, (W. H. Rusk.)

The Williams Marble Works, the Etowah Marble Co., Creole Marble Co. and the Dixie Marble Co. were represented by proxies.

During the course of the morning session many very interesting points were brought out regarding the objects of the meeting and it appeared that the consensus of opinion was that a strong effort should be made to abolish the suicidal competition which now prevails in most parts of the State. Indiscriminate underselling is fatal to the prosperity of any business and it was suggested that something be incorporated in the by-laws which would, in a measure prevent this. A more definite agreement among dealers as to what commission agents were to receive was discussed, but no conclusion arrived at. The question was discussed by Mr. Allbright regarding the payment for work after same had been erected in the cemetery, it being shown that the dealer was practically at the mercy of the pur-

chaser should the latter refuse to live up to his contract as the law did not allow a monument to be removed after same had been erected. Although no certain solution for this difficulty was proposed it was generally understood that later on steps would be taken to secure some legislation in this matter for the protection of the dealer.

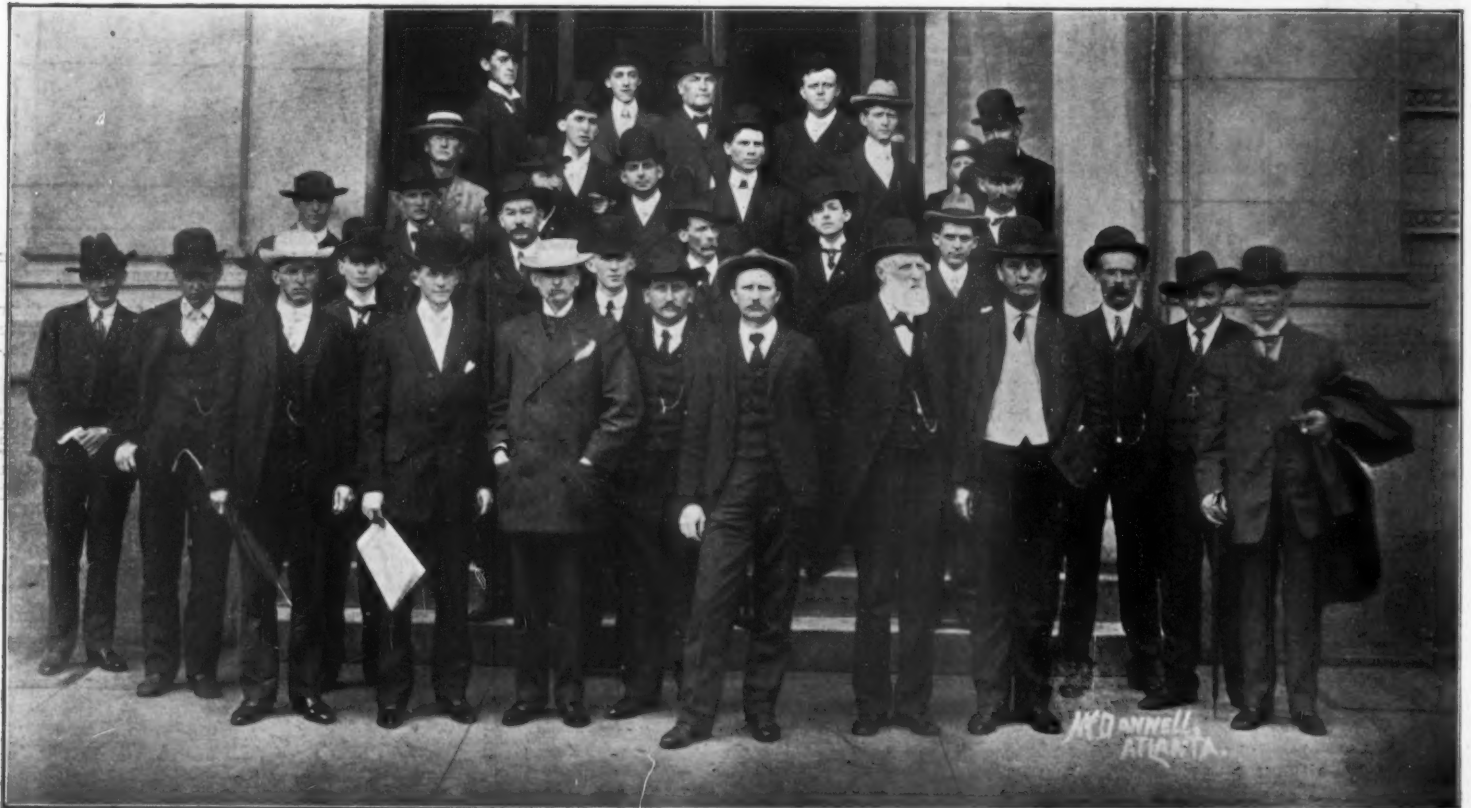
The president appointed a committee on By-Laws and Constitution as follows: Messrs. H. P. Colvard, J. F. Little, C. J. Clark, J. D. Johnson and O. D. Perkinson. After discussion as to the duties of this committee they were excused to make their report. Mr. Little arose at this point and asked permission of the Association to also excuse Mr. B. F. Lippold, representing Rock Products, so that he might confer with the Committee and help them select a Constitution and By-Laws. Without the formality of a motion the President declared Mr. Lippold an honorary member of the Committee to assist in making the report.

Other committees were appointed as follows: On Membership, Messrs. Z. D. Harrison Sr., F. N. Fowler, H. L. Davenport, W. A. White and J. W. Cook. On Nominations, Messrs. J. A. McLain, L. M. Worley, W. H. Allbright, O. T. Williams, R. M. Gaines and J. A. Zachary. On Obituary, Messrs. A. L. McRae, J. N. Stanley, J. H. Page, W. M. Boatner and Redd. On Entertainment, Messrs. J. A. McLain, H. P. Colvard, Geo. F. Gober, Jr., J. D. Harrison, Sr., and H. L. Davenport.

A recess was taken and Mr. Tate in behalf of the wholesale dealers invited the entire Association to attend a delightful luncheon downstairs in the large Piedmont dining hall, as the guests of the wholesale dealers and quarrymen. Following is the menu:

THE MENU.

Puree of Tomatoes aux Croutons	
Bread Sticks	
Broiled Shad and Roe	Ravigote Sauce
Saratoga Potatoes	
Celery	Olives Radishes
Chicken Patties a la Reine	
Larded Tenderloins with Fresh Mushrooms	
Delmonico Potatoes	Green Peas
Chiffonade Salad	
Neapolitan Ice Cream	Fancy Cakes
Cream and Roquefort Cheese	Crackers
Coffee	



THE GEORGIA MARBLE RETAIL DEALERS' ASSOCIATION ON THE STEPS OF THE PIEDMONT HOTEL, ATLANTA, GA.

Afternoon Session.

At three o'clock the meeting was called to order by the President and the first matter brought to the attention of the Association was that of freight rates. Upon request of the President the members representing the wholesalers present, Messrs. G. M. Atherton, E. A. McCanness and W. E. Tate, made talks on the subject. Part of Mr. Atherton's remarks were as follows: "After twenty years of hard and persistent effort our native stone has been placed before the commercial world and its use increases rapidly as its surpassing excellence becomes known, and if we are only given a chance Georgia marble will become one of the state's most remunerative outputs. It is time for us to awake to the importance of this industry and to give it just and fair treatment. Unjust discrimination is wrong, and all we ask is fair play."

Mr. Atherton moved that a committee be appointed from this association to co-operate with the wholesale marble dealers of the state and that together they take this matter up with the Railroad Commission. By a unanimous vote the resolution was passed and the following members of the Association were appointed to perform its duties: George F. Guber Jr., R. M. Gaines, H. L. Davenport, W. A. White and S. F. Colvard.

As soon as practicable the foregoing committee will be joined with a similar committee which will be appointed from the wholesale marble dealers of Georgia and carry their contention before the State Railroad Commission.

The Committee on Constitution and By-Laws now made their report. Mr. Colvard read the Constitution and By-Laws which the Committee recommended and they were discussed thoroughly and finally adopted as a whole and the committee given a rising vote of thanks for their very earnest efforts. The Constitution and By-Laws as adopted are as follows:

CONSTITUTION AND BY-LAWS OF THE GEORGIA MARBLE RETAIL DEALERS' ASSOCIATION OF GEORGIA.

ARTICLE I.

This association shall be known as The Georgia Marble Retail Dealers' Association of Georgia.

ARTICLE II.

The object of this association shall be the general improvement and elevation of the trade in all its departments; the promotion of friendly relations and intercourse, and the protection of purchasers from impositions practiced by illegitimate and irresponsible dealers and salesmen.

ARTICLE III.

Any responsible retail dealer having a regular shop and who is himself (or has in his employ) a practical workman, or any legitimate wholesale dealer doing business in Georgia in marble, granite, or stone, may become a member upon a two-thirds affirmative vote of the members present at a meeting of the association.

ARTICLE IV.

Any person or firm who both wholesales and retails marble or granite, either or both, for monumental purposes, shall not be eligible to membership in this association.

ARTICLE V.

The officers of this association shall consist of the president and one vice president for each district into which the state shall be divided; a secretary who shall also perform the duties of treasurer and a board of directors to consist of five members, three from the retail and two from the wholesale trade, all of whom shall be elected at the annual meeting by ballot, to serve for twelve months, or until their successors are elected and qualified.

ARTICLE VI.

The president shall preside at all regular and called meetings of the association, when present; he may convene the board of directors at any time or place on business pertaining to the association.

ARTICLE VII.

The vice president shall assist the president in performing the duties of his office when called upon; one shall preside at all meetings for trials called to meet in his respective district, with all powers and privileges conferred on any committeeman.

ARTICLE VIII.

The secretary shall keep a correct record of the proceedings of all regular and called meetings of this association, notify all members of the time and place of all meetings, and perform such other duties as naturally pertain to the office.

ARTICLE IX.

The treasurer shall properly account for all

membership fees, dues, and fines, and all money belonging to the association coming into his hands, and shall pay out the same only upon the written order of the president. He shall give a bond satisfactory to the board of directors, and at each regular meeting shall render a faithful account of all receipts and expenditures.

ARTICLE X.

The board of directors shall elect one of its number as president and one as secretary, and shall perform its duties as hereinafter prescribed, and such other duties as the association shall direct, and shall fill vacancies in the board caused by death and otherwise.

ARTICLE XI.

All complaints as to the violation of the rules shall be made to the secretary in writing, accompanied by evidence, either written or oral, and by him submitted to the president. If, in the opinion of the president an investigation is warranted, he shall appoint a committee of three to investigate the complaint and report their findings as to the violation and the amount of the penalty to the association at its first regular meeting, the date having been duly advertised. If at a special, the secretary shall mail a copy of charges to the accused ten days or more before the date of said meeting, together with notice that his case will be considered at the coming meeting, naming time and place and requesting him to be present. The committee shall furnish the president a copy of their findings, who shall at once refer it to the association. To convict shall require the vote of two-thirds of the members present.

ARTICLE XII.

Any member found guilty of violating any of the rules specified in the by-laws shall be fined not less than \$10.00 and not more than \$50.00, and for a third violation shall be expelled. All fines and penalties must be paid to the secretary within thirty days of the assessment of same. Otherwise the guilty party shall stand suspended until such fine is paid.

ARTICLE XIII.

If the association shall be called upon to investigate and try any person or dealer who is not a member of this association, and finds that he is doing business contrary to rules of good business principles and fair dealings the secretary shall at once notify all members of the association, and they shall refuse in any way, to assist such person or dealer. If said person or dealer makes application to the president of this association for hearing and relief, and remits a fee of \$25.00 for the expense of the same, the president shall convene the proper committee, in accordance with Article 11, and if the accused pay such fine and penalty as the board is warranted to assess and render satisfaction to the association, the board shall cause the secretary to notify all members of its decision.

ARTICLE XIV.

Any member of this association standing suspended for the non-payment of dues and fines, shall not have any voice in this association, nor receive any notice.

ARTICLE XV.

Those members called upon to attend the trials pertaining to this association shall receive \$3.00 per day for the time they are investigating, and \$2.00 per day hotel bill, and railroad fare; same to be paid in full amount by order from the president to the treasurer.

ARTICLE XVI.

The annual meeting of this association shall be on the second Wednesday in January, at Atlanta, Georgia, place to be determined by the entertainment committee, and extra meetings may be convened on a call signed by the president, secretary and one vice president.

ARTICLE XVII.

No dealer or agent for any dealer shall be allowed to divide his commission with any person in order to secure an order, nor shall he be permitted to pay any sum in any way to secure same, or shall he be permitted to employ him as an agent to secure the order.

BY-LAWS.

Section 1. The following shall be considered offenses against the rules of the association and subject to penalties of same:

- A.—Misrepresenting quality of material sold, or selling marble for granite.
- B.—Furnishing a cheaper grade of material than that for which the contract calls.
- C.—Failing to have a substantial foundation under

all work erected, whenever a foundation is necessary.

D.—Selling work for less than a fair and living profit.

E.—Any wholesale dealer furnishing any price-list or material to any party not eligible to membership in this association.

F.—Slandering a competitor, or trying to influence in any way the countermand of a contract already given, obtaining an order or contract by misrepresentation, fraud or deceit, or other than straight-forward business principles.

G.—Buying contracts taken by other than their own agents.

H.—Making any further price to a purchaser after being satisfied that the work in question has been already sold by another member of this association.

I.—Any retail dealer who may be found guilty of buying material of any wholesale dealer not eligible to membership in this association.

Sec. 2. All applications for membership in this organization must have the recommendation of at least one member in good standing, accompanied by the stated membership fee of \$3.00, and one year's dues made through the secretary substantially in the same form.

APPLICATION FOR MEMBERSHIP.

.....Ga.,190...
To the Officers and Members of The Georgia Marble Retail Dealers Association:

.....marble and granite dealer in this place is desirous of becoming a member of your association. Has read your constitution and by-laws and does hereby pledge thatwill comply with their requirements, also gives you.....pledge that.....will, in buying or selling material used in our business, give members of this association the preference. Enclosed you will find \$5.00 for the amount of membership fees and dues for one year.

(Signed)

Recommended by

Sec. 3. Any proposed change in these by-laws can be made at any regular meeting of this association by an affirmative vote of two-thirds of all members present.

Sec. 4. Cushing's Manual shall govern the parliamentary practice in all meetings of this association and board of directors, when it does not conflict with any rules of this association.

Sec. 5. The state shall be divided into four districts, north, south, east and west.

Sec. 6. The annual dues shall be at the rate of \$2.00 per member, payable in January of each year, and a member who shall be in arrears for dues six months shall stand suspended.

Sec. 7. A member shall be held to a strict account for a rule broken by his agent as though broken by himself.

Sec. 8. A.—A dealer having held membership in this association while in partnership with one or more, but retiring from such partnership, shall be considered as an honorary member, and his other partners or partner continuing the business shall be the accredited an active member of this association.

B.—Should retiring partner re-embark in business on his own account or form a new partnership, he must make application in regular form to become an active member.

C.—Should firm from which partner withdrew, as referred to in Article 1 of Section 8, take in another partner, said new partner shall become possessed with active membership relinquished by former partner by ballot of the association as prescribed by Article 3 of constitution.

ORDER OF BUSINESS.

- 1.—Roll call.
- 2.—Reading of the minutes of the last regular and intervening session.
- 3.—Consideration of application of new members.
- 4.—Report of secretary and treasurer.
- 5.—Report of directors.
- 6.—Reports of committees.
- 7.—Election of officers.
- 8.—Unfinished business.
- 9.—New business.

It was further agreed that the Constitution and By-Laws should be printed for distribution.

A motion was made by Mr. Little and carried that the complete proceedings of the Association be printed in Rock Products and that every dealer in the State be sent a copy of same, which was adopted.

During the discussion of the Constitution and By-Laws the eligibility of Mr. Colvard, the chairman of the committee, was raised. Mr. Colvard is both a retailer and wholesaler of granite and the question was settled temporarily by Mr. Colvard's promising to sell at wholesale only to members of this association.

A tender of thanks was made the Blue Ridge Marble Co., the George B. Sickels Marble Co., the Georgia Marble Finishing Works and the Georgia Marble Co. for their splendid luncheon, also for their help and co-operation in assisting in the formation of the Association.

Mr. Little offered the following resolution which was adopted by a rising vote:

Rock Products Indorsed.

That Rock Products, a publication in the interests of the wholesale and retail monument dealer shall be declared the Official Organ of the Association and that every member shall consider it his duty to subscribe for the publication which costs only \$1.00 per year. Their representative is present and is the only gentleman present representing a trade paper and we ought to show our appreciation in this manner. Mr. B. F. Lippold will do all in his power to make this association a success and will print the entire proceedings of the convention in his paper. Rock Products is a southern publication, being published at Louisville, Ky., and naturally will have the interests of the Georgia dealers more at heart than any other paper.

That a rising vote of thanks be given to our friend, Mr. B. F. Lippold, the staff representative of Rock Products for his valuable assistance in helping us to organize and in lending us the moral support of that paper.

Mr. McRae raised the point as to his own eligibility to membership in the association, as he has not at present a regular shop, but he contemplated re-entering the business as soon as his health permitted. Several of the members vouched for Mr. McRae's statement and he was enthusiastically welcomed into the Association, as it was shown that he was entitled to membership.

The following gentlemen were appointed as a board of directors by the president: Messrs. H. L. Davenport, J. A. McLain, J. F. Little, C. J. Clark and M. L. Cox. These are all representative men and among the best known dealers in the state. They are men of the highest integrity and standing in their various communities and the wisdom of the President was clearly shown in his selections.

A motion was made and carried that all the wholesalers present and Mr. B. F. Lippold, representing Rock Products, be made honorary members of the Association, which was adopted. It was also agreed that the Secretary and Treasurer furnish bond in some guarantee company, the same to be paid for by the Association.

On motion made and carried all members are to be notified of their election to membership and every dealer in the state invited to join, and further that all dues and initiation fees should be paid within thirty days from date.

The question of the next meeting was taken up and discussed and it was practically decided that the association meet again some time during July or August at one of the well-known summer resorts in the state of Georgia, or up in the mountains. The regular annual meeting of the association is to be held the second week in January each year, this meeting always to be held in the city of Atlanta.

It is impossible to give a full and complete text of the various speeches which were made during the meeting, but many good points were brought out and it is safe to say that everyone in attendance was benefited by having been there. Some of the brightest minds in the business were present and contributed from their store of knowledge for the benefit of those on hand. A spirit of good fellowship prevailed and at no time during the meeting was there a single discordant note. Each member seemed to be possessed with a spirit of good will, and that get-together feeling which does so much to harmonize and cement the interests of the members, was very evident.

The name of the association is a decided and emphatic compliment to Georgia marble and every member of the Association pledged his loyalty to this stone. The majority of the members push Georgia marble wherever practicable, some of them selling it to the exclusion of any other marble.

The meeting then adjourned subject to the call of the President, it having been left in his hands as to when the association should meet again.

NOTES OF THE MEETING.

Mr. John F. Little, who was one of the pioneers in the movement to organize the dealers, and who was one of those voted for for president of the association, is one of the representative dealers in the state. He was largely instrumental in the selection of the constitution and by-laws, and by his wise council and good judgment gave the committee much assistance. Mr. Little represents the Athens Marble Co., at Athens, and he has built up a fine business by his integrity and honorable dealing. He was prominent in all of the discussions and is heartily in sympathy with the movement, and ready and willing to do everything in his power to make it a success.

Mr. Little is of a retiring disposition and has a kindly nature which wins him friends wherever he goes. In appearance he looks more like a United States Senator than a monument dealer, and would grace any calling.

Mr. J. B. Roberts has made the following appointments for vice presidents for the four quarters of the State: H. L. Davenport, Winder, Ga., Eastern portion; H. P. Colvard, Dalton, Ga., Northern portion; C. J. Clark, Americus, Western portion, and I. N. Johnson, Quitman, Southern portion. He is to be congratulated upon his selection as these gentlemen are representative men and have a standing in their community second to none, and will do much toward furthering the interests of the association work in their various territories.

Mr. J. B. Roberts, who was elected president of the association, is the mayor of Ball Ground, and when he was elected to that high office he was the youngest mayor in the United States. All of the papers throughout the country printed his picture so that his face is almost as familiar as the maker of Mennen's Talcum Powder or Douglas Shoes. He is the proprietor of one of the largest retail monument establishments in the State and employs a large force of men in his shops. His traveling agents traverse every section of Georgia and portions of other Southern States. As can be seen by his picture he is still a young man, but is full of that indomitable energy and enthusiasm which brooks no failure when once his energies are aroused. He is just the man to lead the Georgia association and promises to give it his time and attention, and will visit in person a great many of the dealers in the state during the coming year. He is personally known to quite a number of the dealers and always has a glad and warm smile for every one, just as any successful politician has, although in this particular case Mr. Roberts was born and not made a politician.

Mr. H. P. Colvard, of the Dalton Marble Works, of Dalton, was the other mayor present. Mr. Colvard is the mayor of Dalton, and any one who meets him is impressed with the fact that Dalton must be somewhat of a city since they were wise enough to select such a fine fellow as Mr. Colvard as their mayor. Mr. Colvard was chairman of the committee that arranged the constitution and by-laws and did much toward smoothing out the kinks and helping the boys over the rough places. He is the proprietor of a fine business at that point and carries a nice stock of finished work on hand and enjoys the confidence and esteem of his fellow townsmen.

Wm. W. H. Albright, of the Empire Marble and Granite Co., of Atlanta, was probably the oldest dealer present. However, he is not one of the oldest monument dealers in the State, since he only engaged in that business during the latter part of the year. His flowing white beard and patriarchal look lend grace and dignity to the picture which we print of the delegates. He was among those mentioned as presidential possibilities, but urged the members present to make a young man president and said that he would be satisfied to work in the ranks and do all in his power to help make the association a go.

In this issue we print a half tone of the members of the association standing on the steps of the Piedmont Hotel. Unfortunately all of the members are not present. There happened to be a ball game in Atlanta on the afternoon of the day of the association meeting and some of the younger element left a little bit early in order to see the final wind-up of the game and as a consequence we are deprived of the pleasure of seeing their countenances in this group.

Mr. Luke E. Tate, who represented the Georgia Marble Co., of Tate, is the vice president of that company, but does not give much of his time to that business since he is a lawyer by profession and a candidate for Congress in his district. We are sorry we are not in a position to vote for Mr. Tate as we are for him for anything he wants, and it is our sincere hope and the hope of every member of the association that he will be elected since he would grace any office to which he may be elected.

Expressions of regret were heard upon all sides upon the death of Mr. Harry Dewar, president of the Blue Ridge Marble Co., of Nelson, Ga., who died in Baltimore Md., on February 13. Mr. Dewar was recognized as a tower of strength to the Georgia marble industry and was well known all over the United States, and had probably done more to popularize Georgia marble than any other one man. He was widely known and highly esteemed, both as a business man and a citizen. He and his father, James A. Dewar, were pioneers in opening up the great marble industry in Georgia. They built and operated one of the largest and most successful marble mills in the state and it was largely due to Mr. Dewar's personality and genius that Georgia marble succeeded in attracting the notice of the great contractors of the country. He was noted for his charity, and established a school for the white children of Nelson, a village practically made up of the employees of the Blue Ridge Marble Co. He also gave the colored people a school. His policy was to educate and train those who had few opportunities in the locality. His son, Roger A. Dewar, will continue the business on the same lines started by his father.

Purchase Interest in Monument Concern.

CENTRAL CITY, Ky., April 30.—John J. Vick and Leo Fentress have purchased the interest of John M. Vick in the Central City Marble Works and will push the business in the future to its fullest capacity. Messrs. Vick and Fentress are both young men of splendid business tact and energy and will soon build up a trade that will be a credit to the firm and the town. There is no better location for an industry of this kind than Central City and the young men are bound to succeed.

Chilled Steel Shot

Warranted Superior to All Other Abrasives for Sawing, Rubbing and Grinding Granite, Marble, Sandstone, or Any Other Hard Substances.

Granite Stain Eradicator

Which we guarantee will permanently remove all Iron, Sap and Oil Stains from granite without injury to the stone.

We are positively the largest concern in this country handling Granite and Marble Polishers' Supplies exclusively. We sell Carborundum Grains and Bricks, Emery Grains and Bricks, Waddells and "Ox" Putty Powder, Pure Mexican Felt, Red Beach Plaster, Tampico Scrub and Steel Wire Brushes, Red, Blue and Brown Grits, Scotch Hone, Oxalic Acid, Selected Lump Pumice Stone, Combination Boxes for hand polishers of both marble and granite, etc., etc. Remember we positively guarantee the Quality of everything we sell. This always insures your getting the Very Best Goods that are manufactured.

Satisfaction Guaranteed.
Correspondence Solicited.

NATHAN C. HARRISON, General Agent.

Harrison Supply Co.

32-34 INDIA WHARF, BOSTON, MASS.

WRITE FOR PRICE LIST.

SEND FOR SAMPLES.

Making Cranes for Large Companies.

The Case Manufacturing Co., of Columbus, Ohio, are one of the largest manufacturers of electric and hand power cranes and hoists in this country. Their large trade comes to them through the marketing of cranes satisfactory in every particular and made by men who understand the business. The chief engineer of the company is Mr. C. H. Tucker who has had fifteen years experience in the crane business and therefore has superintended the building of thousands of these machines. The general pattern of the cranes now being manufactured by this company is Mr. Tucker's design.

Two 75 ton cranes have lately been furnished from their works as part of the equipment of the new shops of the Pennsylvania Railroad at Altoona, Pa. This is one of the most modern erected shops in the country. A crane is at present being installed in the United States navy yard at Portsmouth, N. H., which is to be used for heavy duty there. Another late installation of a Case crane is at Marion, O., where one is in use by the Marion Steam Shovel Works.

Mr. H. T. Stewart, secretary of the company, is very anxious to have his cranes used more extensively in the stone and quarrying industry. Many of them are already erected at large stone works over the country but the company intends to use every effort to introduce it still more extensively. They build cranes of all sizes from 3 tons to 200 tons capacity, or more if desired. Wherever used and for whatever purpose, the product of the Case Manufacturing Co. is used the cranes and hoists have given perfect satisfaction to the owners and operators. The company can build cranes of any special requirement and size, to meet any need of their customers and are always pleased to have a chance to furnish information about their cranes and hoists, and offer their prices for the consideration of those interested.

Traveling Cranes for All Purposes.

The Niles-Bemont-Pond Co., 111 Broadway, New York, with offices in most of the principal stone working centers of the country, have just issued a catalogue entitled "Outdoor Cranes", which tells the story of Niles electric traveling cranes for the use of the stone worker in every possible capacity. The catalogue is profusely illustrated with pictures of traveling cranes which the company has already erected and are now in constant use in various parts of the country. Nearly every character of span crane as well as jib cranes with single or double movements are shown and there is no limit to size, that is, no limit to the length of the span or bridge. Niles cranes are of the three motor type, one motor being used for the hoisting, one for moving the trolley and the third for moving the bridge. When it is desirable to equip the crane with an auxiliary hoist for the rapid handling of light loads, a fourth motor is used. The motors are fully protected from the weather and all speed gearing is encased and runs in oil. The runways are of steel construction, but for small sized cranes, wood is often used.

The company state they will be glad to send this catalogue to all interested parties and they will be glad to furnish the specifications and details for the building of any special style of cranes or hoists. Bear in mind that in asking for prices on an electric traveling crane, it is very essential to give the capacity and the span, and to state the class of work for which the crane is to be used.

Self Contained Air Compressor.

The St. Louis Steam Engine Co., at 15 South Commercial street, St. Louis, Mo., calls special attention of the retail monument man who contemplates the equipment of his shop with pneumatic tools to the economy of their Star air compressors, as well as their Star vertical steam engine, in connection with the air compressor. It is especially adapted to the requirements of such shops as work two or three tools and one polisher, furnishing plenty of motive power for such an equipment while it does not keep constantly a large amount of compressed air stored which is never used and constitutes an item of expense.

Their air compressor in a number of cases has been so arranged as to be driven by a gasoline engine and in other cases it has been belted to

a countershaft. It is entirely self-contained, and no purchaser of a small compressor equipment should fail to give the St. Louis Steam Engine Co. an opportunity of showing what they can do in the way of entire satisfaction and greatest economy.

The Jeffrey Manufacturing Co., Columbus, Ohio, manufacturers of conveying apparatus for the purpose of automatically taking care of the refuse proposition in all kinds of quarrying and mining operations, have a booklet entitled "Elevating, Conveying and Power Transmitting", which is of special interest to those who are equipping their operations for a successful season's run. It is worth writing for as it may tell you where to save the pennies and automatically turn them into pounds.

Wanted and For Sale.

WANTED-HELP.

A GENTLEMAN EXPERIENCED in the sale of monuments at retail to enter partnership in well established retail business in Missouri. Address C. H. care Rock Products.

GRANITE CUTTERS, also letterers. Steady work the year around for good sober men. Open shop. Address J. Z. 1, care Rock Products.

GRANITE CUTTER AND LETTERER—Familiar with pneumatic tools, steady work for the right man. State wages and full particulars in answering. Address J. Z. 2, care Rock Products.

A GOOD, sober and reliable man for lettering granite and marble with pneumatic tools. Address L. Z. 1, care Rock Products.

TEN GRANITE CUTTERS and two letterers and carvers. Indoor job. Regular work year round. Wages \$3.00 for nine hours. Apply at once to the McNeel Marble Co., Spartanburg, S. C.

AN EXPERIENCED Mill Foreman for cut stone yard in New York; steady position and good wages to the right man. State experience. Address L. Z. 2, care Rock Products.

BUSINESS OPPORTUNITIES.

FOR SALE—A great opportunity for a retailer or manufacturer who wants to go into retail monumental business. Up-to-date cutting plant and show yard. New shed 60 x 22. Contains Clayton air compressor, electric motor, engine and boiler, polishing machine, four Oldham tools. Seven men employed all the time beside work placed with manufacturers. Good location, no competition. Best of reason for selling. Inquire at once, Perry Real Estate Agency, Barre, Vt.

FOR SALE—MACHINERY.

ONE COMPLETE 90 h. p. Buckeye Engine and Tubular boiler in first class condition. One 15 ton Scoville Steam Traveler 24 ft. span, with cut steel gears. Above can now be seen in operation at our plant; write or call at once. PETER-BURGHARD STONE CO., Louisville, Ky.

HAVING ENLARGED OUR PLANT and requiring a larger motor we offer for sale our 15 h. p. general electric motor. It is a three phase, 110 volt, 60 cycle, 900 revolution motor. Is in perfect running order, sold for no fault, and is a proper size if you require power enough to operate your polishing mill, air compressor, grindstones, etc. We have often tested this motor with an overload of 5 and 8 h. p. Price, crated f. o. b. Montpelier, Vt., \$175.00. Address MILLS & CO., Barre, Vt.

FOR SALE—PLANT.

OHIO SANDSTONE QUARRY, now in operation, producing a high grade of building stone; large acreage of stone. Thoroughly equipped; including stone sawmill, electric light, railroad with standard gauge locomotive steam drills, channelling machines and hoisters, steam shovel equipment with narrow gauge locomotive and dump cars for stripping. A most complete outfit with a fine established trade. Address OHIO QUARRY, P. O. Box 417, Cincinnati, Ohio.

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**An Advertisement In The Wanted And For Sale Department
Will Bring You What You Want**

A vintage advertisement for Watt Quarry Cars. The central element is a large, dark, rounded rectangular logo with the word "WATT" in a bold, serif font. Below "WATT" is a smaller, dark rectangular box containing the words "QUARRY CARS" in a bold, serif font. To the left of the central logo is a small, rectangular inset showing a side view of a quarry car. To the right of the central logo is another small, rectangular inset showing a side view of a quarry car. Above the central logo, there are two small, rectangular boxes. The left box contains the text "DOOR EXTRA HIGH CAN BE MADE AUTOMATIC". The right box contains the text "EXTRA STRONG HOLDS 25 PER CENT GREATER LOAD". At the bottom of the advertisement is a large, dark rectangular box containing the text "THE WATT MINING CAR WHEEL COMPANY" in a bold, serif font, with "BARNE SVILLE OHIO U.S.A." in a smaller font below it.

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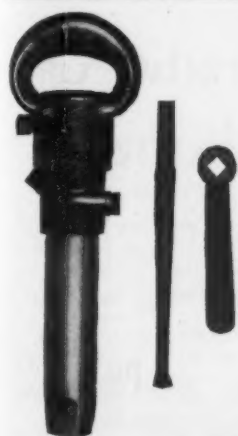
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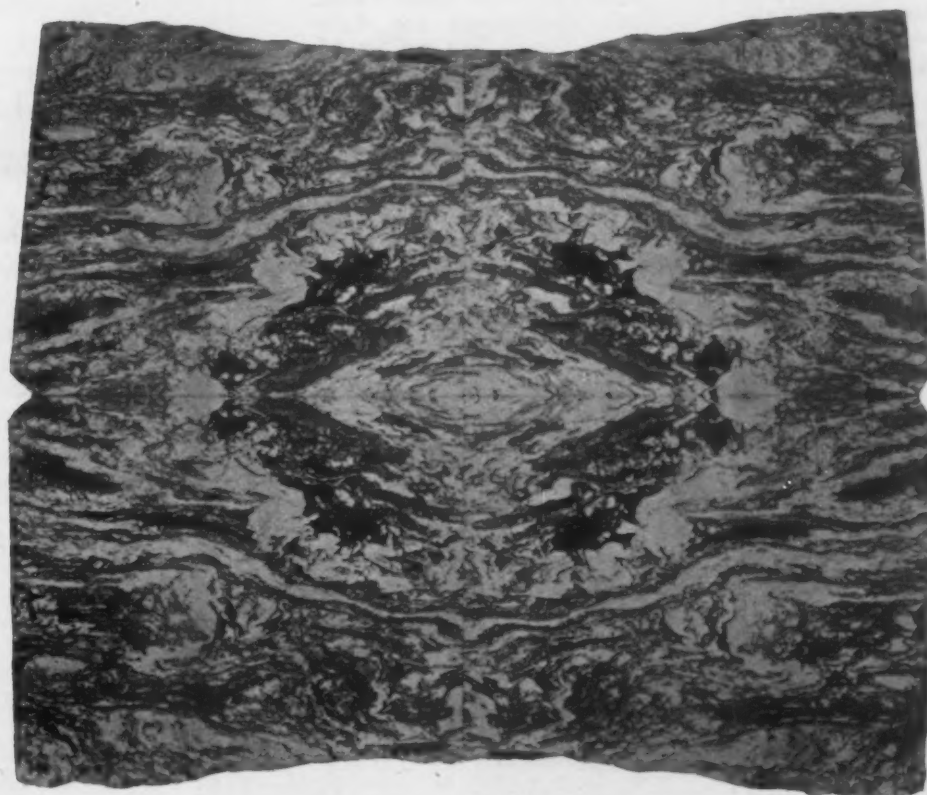
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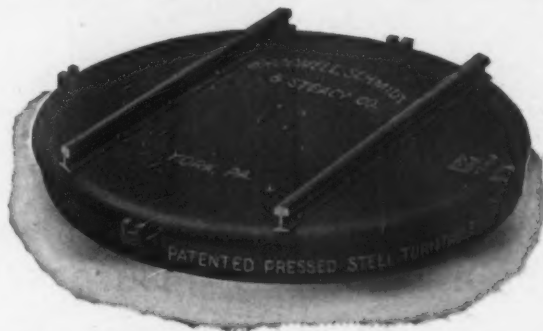
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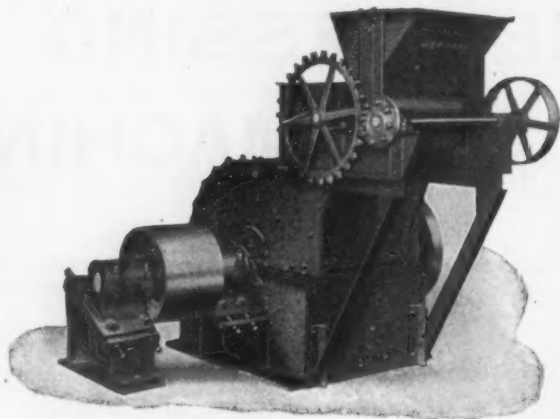


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Sawed, Turned, Planed, Cut,
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Quarries: Killbuck Station.

WE FURNISH Engine beds, Sills, Coping, Ashlar,
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Stone a specialty.

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General Office **KILLBUCK, OHIO**

World's Largest Rock Crusher



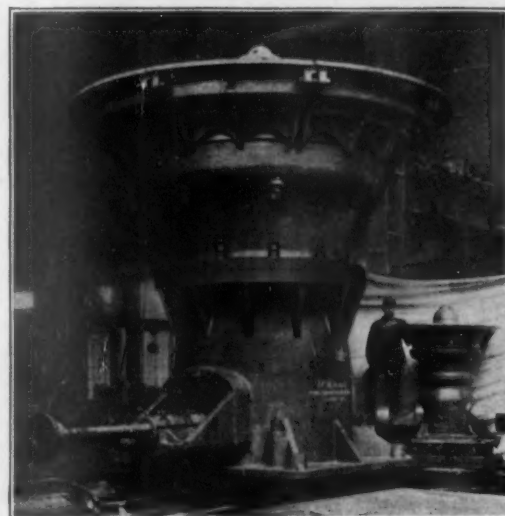
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Weight, 200,000 pounds.
Height, 25 feet.
Capacity, 700 tons per hour.

We design and equip complete Crushing
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Cement Machinery
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Loomis-Pettibone
Gas Generating
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Suction Gas Plants
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A. Reinhalter Extra Dark Quincy Granite Quarry.

Rough Stock for sale to the trade, also finished monuments, and every description of cemetery work. ♡ Rolls, Columns, Balls, Vases, Round Monuments, Balusters, etc. Turned and Polished.

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Containing Ratings of the Granite, Stone, Marble, Quarries, Monumental Dealers and Workers throughout the United States and Canada. Special facilities for reporting everywhere. Legal correspondents under contract in towns and cities in the United States and Canada. Subscription Price, \$25.00 per year. Including Reports. References furnished if desired. Address REED O. OXNARD, Secretary and Manager, 1011-13 Pemberton Building, Pemberton Square, BOSTON, MASSACHUSETTS

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Famous for its color and brilliancy. We have the finest stock in this district, either in the rough or finished.

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SOLE PRODUCERS OF THE FAMOUS

Dark Blue "RAILWAY" Granite

Monumental and Building Work of all Kinds,
Our Specialty—Fine Polishing—Prompt Shipments.

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Trains from track 21, South Station, Boston, at 16 minutes past each hour of the day.



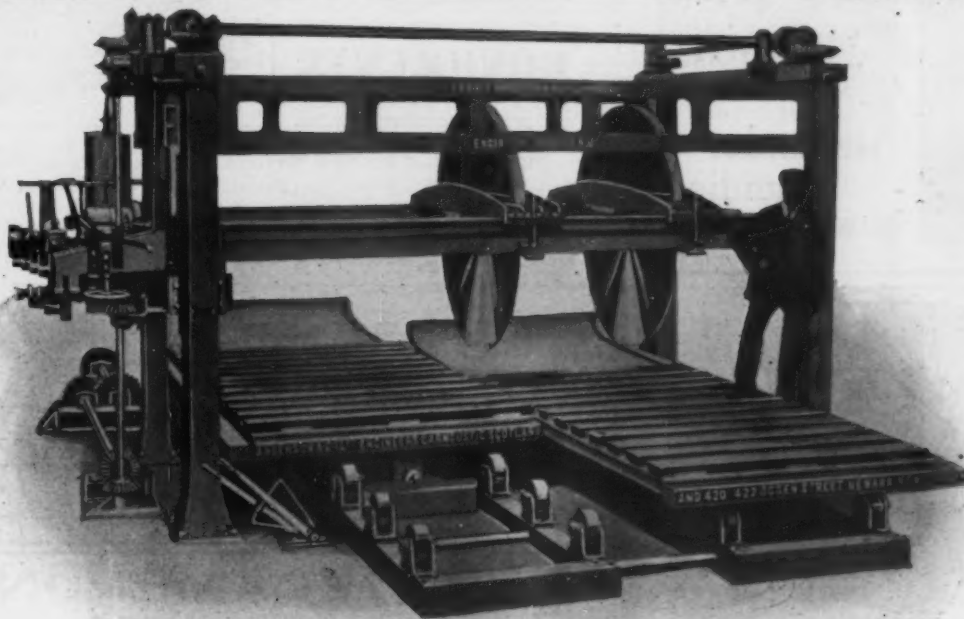
THIS is a sample of the work we turn out. We do our work so that our customers come again and they stay. We manufacture all classes of work from Mausoleums to Markers and as we have surfacing and all kinds of pneumatic tools, it enables us to furnish orders on contract time and at reasonable prices, considering the quality of work.

Our specialty is Carved and Hammered work.

SMITH BROS. GRANITE CO., Barre, Vermont

George Anderson & Co., (1905) Ltd.

Engineers and Ironfounders, **NEWARK, N. J.**



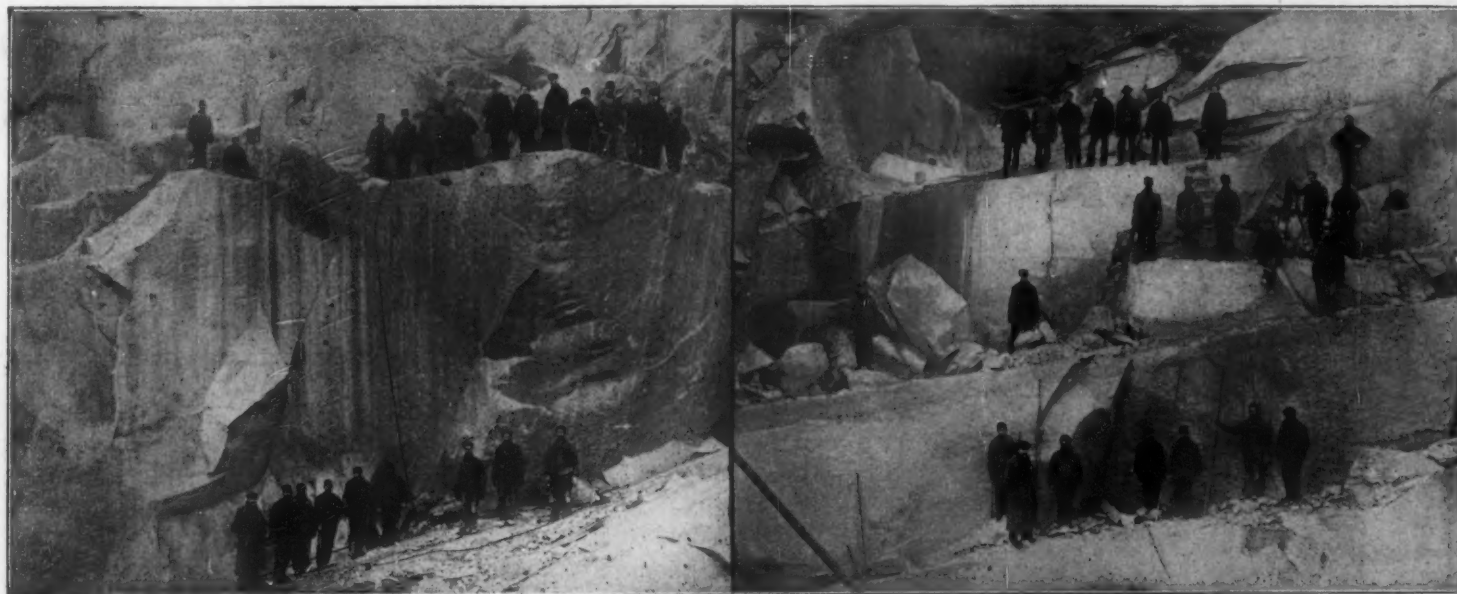
**Rising and Falling
Diamond Saw,
having Two Saws
and Two Tables,
100 inches
Diameter.**

The above is an illustration of our latest pattern Diamond Saw designed to meet the requirements of Stone Workers having a lot of checking to do. It also enables blocks of double the height to be dealt with. The whole of the movements are automatic, thus no time is lost in adjusting the blades. This is the largest Diamond Saw in the world.

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FOUR BIG COMPANIES

**Under One
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Best Barre Light and Medium

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We do monumental work in all kinds of New England Granites to satisfy our customers. We can give you a square deal on **NATURAL Quincy Granite.**

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Manufacturers of

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We cut all of the New England Granites. Up-to-date machinery, first-class workmen and an honest job for the customer.

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Send for prices on this design in

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You can depend upon our reliability. Try it and see. Samples and designs furnished on order.

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From Best Light and Dark Stock

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All Kinds of New England Granite

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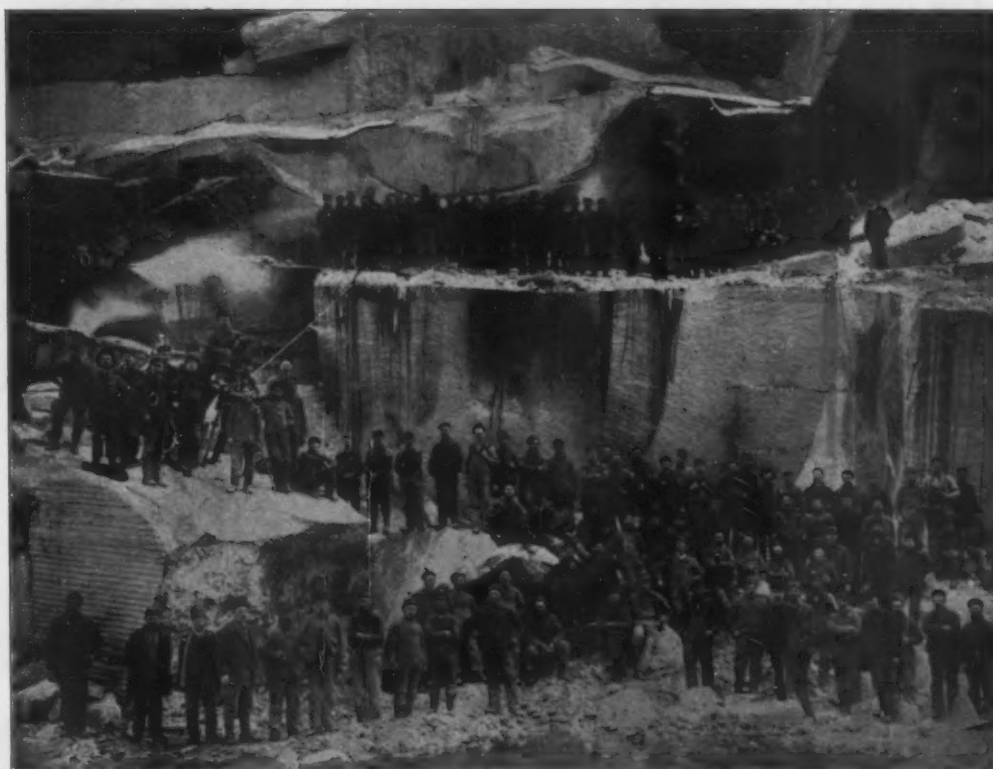
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This is a portion
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owned by THE
BOUTWELL - MILNE -
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Producers of the BEST DARK BARRE GRANITE

ROUGH STOCK Furnished to the Limit of Transportation.

THE BOUTWELL-MILNE-VARNUM CO., Quarries at BARRE,
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DID YOU EVER
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In all Classes of Work

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**GOTHICS LATEST DESIGNS IN ALL SIZES
BEST DARK BARRE GRANITE**

Our ship-
ments are
prompt as
we have
ample fa-
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producing



We polish
and make
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of square
work

MILLS & CO., - - Montpeller, Vt.

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JOHN A. RUSCHER, Prop.

**Fine
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From the Best Barre Granite

SEND FOR PRICES.

Correspondence in English and German

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THE 1000 CAR LOADS

of fine hammered

WOODBURY GRANITE

Used on the exterior of this structure.



THE NEW STATE CAPITOL BUILDING, Harrisburg, Pa.

was quarried, cut, carved, etc., set and washed
down in less than two years time by the

WOODBURY GRANITE CO.,

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**Specialty
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Large
Work
and
Carving**

Accompanying cut
represents our
class of work. Bot-
tom base is 6 ft.
3 in. square.

GIUDICI BROS.

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Chas. Bianchi & Sons,

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All classes of fine Monumental, Cemetery and Building Work from best light and dark Barre Granite.

ESTIMATES FURNISHED.

Statuary and Carving with Pneumatic Tools.

Bases, Caps, Dies, Etc., Squared and Polished for the Trade.

We have recently bought the immense and thoroughly equipped cutting plant of Mutch & Colder. This, combined with our long experience and thoroughly established reputations should merit your custom.

CHAS. BIANCHI, Barre, Vt.



We have just purchased the entire Cutting Plant of McDonald, Cutler & Co. including their good will.

This big plant, with shed room 318 feet long, five polishing machines and all modern equipment, greatly increases our capacity and we want your business. Always ask us for prices when buying Barre work.

In order to introduce our work, we will make a special price for the next sixty days on the accompanying design. Send for price.

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Successors to McDONALD, CUTLER & CO.



E. ABBIATTI & BROS.

Specialty in

HIGH CLASS CARVING

Manufacturers and Wholesalers of

CEMETERY WORK in Barre Granite.

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BARRE, VERMONT.

Successors to Emalie, McLeod & Co.

ONE of the biggest derricks in the United States, built, rigged and set up by

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Does business from Maine to California.



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WETMORE & MORSE GRANITE CO.

Finest Light
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GRANITE

for Monumental
or Building Work.

Any Dimensions
Furnished to Limit
of Transportation.

Stock for

Large Work

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OFFICE: MONTPELIER, VT.

JOHN E. SMITH.

ESTABLISHED 1868.

DONALD SMITH.



E. L. SMITH & CO.

QUARRY OWNERS AND
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LIGHT, MEDIUM AND DARK BARRE GRANITE

Rough stock of any dimensions
to the limit of transportation
promptly furnished at all times.

Quarries and Cutting Works: :: :: :: BARRE, VERMONT

Tell 'em you saw it in ROCK PRODUCTS.

Carthage Superior Limestone Co.

Quarry, Stone Sawmill, Crushing Plant and Office

CARTHAGE, MO.

Producers in any Form or Quantity of the Famous Stone that Stays White.



Fred J. Robar

SPECIALTY:
BEST CLASS

Monumental Work
in Barre Granite.

UP-TO-DATE CUTTING PLANT.

MONTPELIER, VT.



THE SALESMAN IS A GOOD FELLOW

But can you afford to pay his expenses for the pleasure of his visits? You are doing it, in one way or another when you buy from him or his employers.

WE SELL BY MAIL ONLY

Our salesmen travel cheap. We are not paying enormous rents in large Cities, hundreds of miles away, but are

RIGHT ON THE SPOT

Why shouldn't we save you money, time and trouble? WE DO. Better find out about it. Your competitors are sending to us for their bargains, get in line and do likewise.

Averill Granite Co.,

Averill Building, BARRE, VT.

Every Retail Dealer ought to have in his Show Room a few Imported

MEMORIAL METAL FLORAL WREATHS.

Made in perfect and absolutely unfading colors. They beautify the cemetery lot. Write for particulars to

JOSEPH D. OSSOLA, - Barre, Vermont.
Sole Agent in the United States.

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Barre White Granite Co.,

Successors to WHEATON QUARRIES.

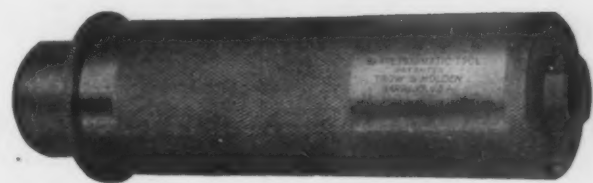
White Granite

Write For Quotations.

BARRE, VERMONT.

FOR
MONUMENTAL WORK,
CURBING AND PAVING.

Barre Pneumatic Tools
FOR GRANITE, MARBLE AND STONE.



Made in four sizes to meet all requirements for carving, lettering, tracing and finishing any kind of stone. Your plant is not up-to-date without them.

MANUFACTURED BY

TROW & HOLDEN

BARRE, VT.

Tell 'em you saw it in ROCK PRODUCTS.

J. K. PIRIE

Proprietor of the Quarry formerly known as

THE WELLS, LAMSON & CO., DARK QUARRY, Graniteville, Vt.

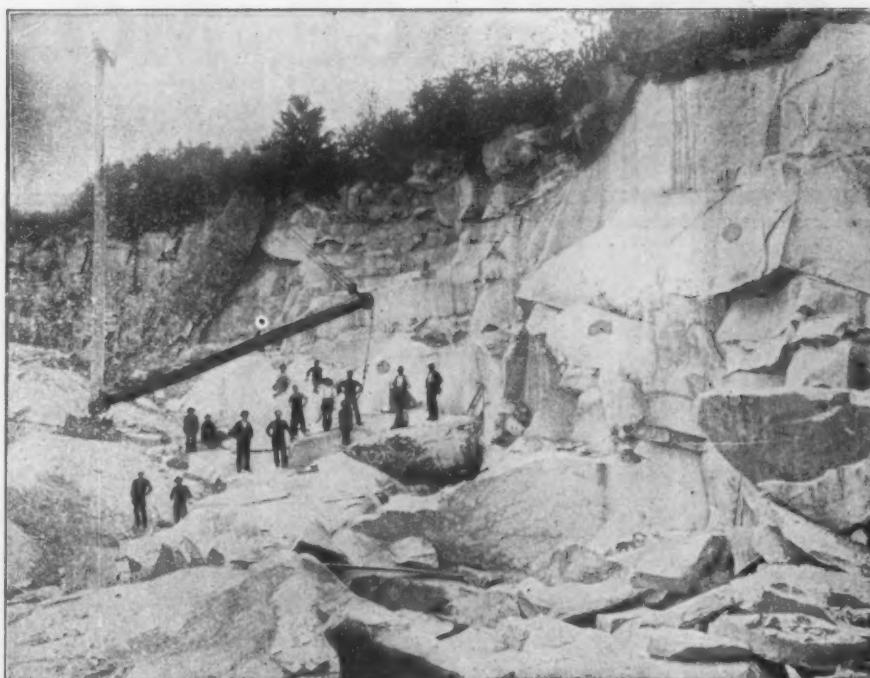
I have been in the company known as Wells, Lamson & Co. for 21 years and had the personal supervision of this quarry during that period.



Rough stock furnished to the limit of transportation.

Stock squared and polished for the trade.

Only five quarries in Barre producing dark granite and mine is second to none.



Among the important contracts for which the Granite was supplied from my quarry, are the following:

Broom County Soldiers and Sailors Monument, erected at Binghamton, N. Y.

Soldiers and Sailors Monument, erected at Kokomo, Ind.

Soldiers Monument, at Wellsboro, Pa.

Polished Columns and Carved Capitals for Mausoleum, erected by John L. Flood at San Francisco, Cal.

Monument erected to Hon. A. B. Martin, at Lynn, Mass. One of the finest private monuments in New England.

We have a granite here that is giving as good satisfaction as Barre for hammered and rock faced work, and is cheaper. Let us quote you prices on your monumental work

Stewart Granite Works

Headquarters for Monumental Work
HARDWICK, VT.

Oklahoma Red Granite

None Superior for Monumental Purposes

WE SELL ROUGH STOCK ONLY

Our quarry is equipped with up-to-date Pneumatic Machinery, and we can save YOU money and give your wants PROMPT ATTENTION. Send for sample of the handsomest dark red granite in the world and get our prices.

Oklahoma Granite Co.

GRANITE. O. T.

CARBORUNDUM.

Grans, rubstones, wheels, and all other carborundum products. Carborundum is the most rapid cutting abrasive known.

DAVID MOWAT'S SCOTCH STEEL SHOT.

The secret in making steel shot is the tempering. If it is too soft it will flatten and go to mud, if it is too hard it will roll under the wheels and saws, but if it is tempered right it will cut from the start to the finish. We guarantee Mowat's Scotch Steel Shot to be just right.

MARVELOUS PUTTY POWDER.

It will buff marble and granite in one-half the time of any other putty powder, is twice the bulk of other putty powders on the market, and requires no more in bulk, consequently goes twice as far.

HAND POLISHERS KIT.

We put up an outfit, including everything necessary to polish granite by hand, and give full instructions how to use the material. Price \$8.00 f. o. b. cars Montpelier.

REVERSIBLE FELT BUFFERS

Are far superior to all other buffers and save two-thirds the time.
Price list and samples on application.

R. C. BOWERS GRANITE CO.

MONTPELIER, VT.

No. 20 Correction Wynd,
Aberdeen, Scotland.

No. 27 Chancery Lane,
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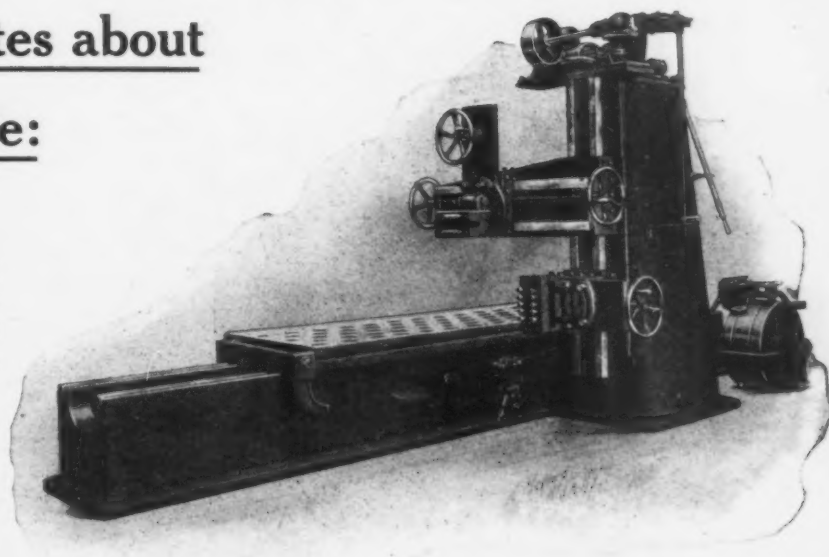
ne,

What a customer writes about
our Open Side:

"The Planer is all right in its construction. It is simple and effective and while I have bought Planers before, I do not consider the screw equal to the worm driven. If I need twenty Planers, the worm would be my choice."

THIS COMES UNSOLICITED.

PROMPT DELIVERY.



F. R. PATCH MANUFACTURING CO.

Specialists in Stone Working Machinery

Rutland, - - - - - Vermont

**NEW ALBANY STONE-
WORKING MACHINERY.**

OUR SPECIALTIES

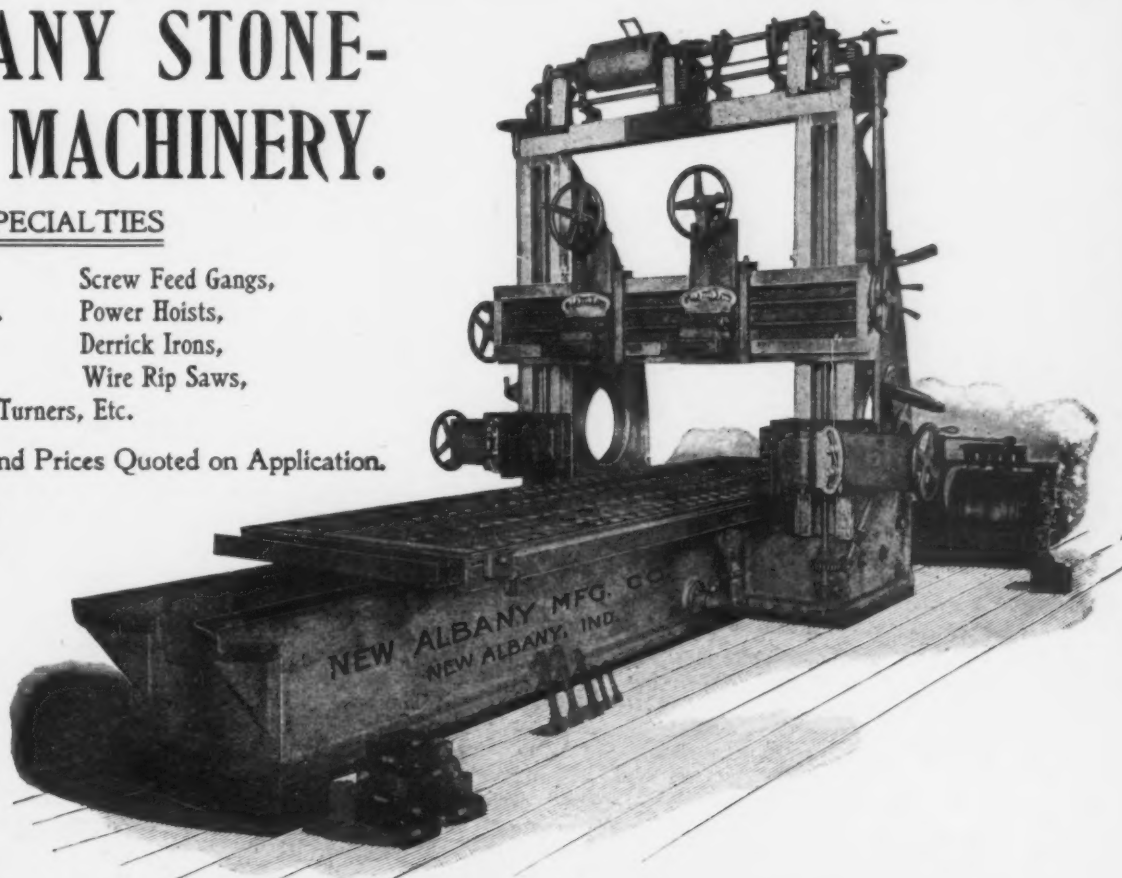
Stone Planers,	Screw Feed Gangs,
Wardwell Channelers.	Power Hoists,
Steam and Electric	Derrick Irons,
Traveling Cranes,	Wire Rip Saws,
Derrick Turners, Etc.	

Circular Matter Furnished and Prices Quoted on Application.

Mills Erected Complete ☞

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THE
NEW ALBANY
MFG. CO.
P. O. BOX 423,
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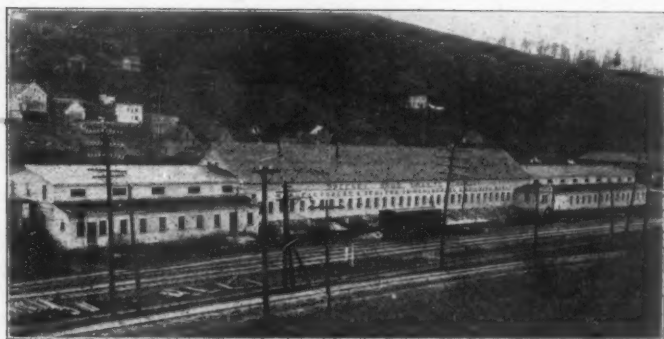


OUR 12 FT. X 4 FT. SINGLE PLATEN STONE PLANER. We Make Them in Any Size.

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Sweeney Brothers Granite Co.

MONTPELIER, VERMONT



Manufacturers and Dealers in Monumental Work from all kinds of American and Foreign Granites.

BARRE GRANITE

A SPECIALTY.

GET OUR PRICES ON YOUR WORK

It will be our endeavor during this year to reach all the dealers in Granites in the United States, but do not wait for us to knock at your door. Send your sketches to us together with as many of your orders as possible. Address your communications to

SWEENEY BROTHERS GRANITE CO., Montpelier, Vt.

Established 1869.

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Incorporated 1890.

Schneider Granite Company,

Producers of

Missouri Red Granite for BUILDING WORK
Monumental Work, Paving, Flagging, Curbing, Polishing and Crushed Granite.

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Address all communications to General Office.

CUSTOM HOUSES: St. Louis, Mo., Cincinnati, Ohio,
Memphis, Tenn.

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TRACTION BUILDING, Cincinnati, Ohio.

New Washington University Buildings, St. Louis,

Columns in Flood Building, San Francisco, Cal.

and the ST. LOUIS new CITY HALL

erected with our granite.

ESTIMATES FURNISHED FOR ALL
KINDS OF WORK.

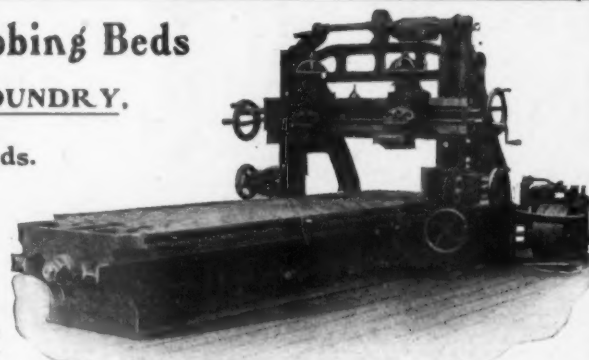


Stone Planers and Rubbing Beds

BUILT BY THE
BIRMINGHAM IRON FOUNDRY,
DERBY, CONN.

Regular Planers with Four Heads.
Open Side Planers,
Twin Planers,
Headers and Groovers.

The Swing Upright can
be let down, thus mak-
ing it an open side planer
for wide stone.



AUGUST JOHNSTON,

Howling Green Building,

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SELLING AGENT.

Frenier's Sand Pump.

For Feeding Sand, Steel or Shot for

Sawing Stone.



Saws faster, uses less sand and water and requires less power and repairs than any other. Runs only 20 revolutions per minute. Pays for itself in six months. Used by the Best and Largest mills. Send for full description and prices.

FRENIER & SON,

RUTLAND, :: :: :: VERMONT.

The QUINLEN EDGER

Cuts soft stone at a saving of many dollars per day. Just patented and proven conclusively to be a success. Very simple and durable and price very reasonable. For particulars, write to

W. C. QUINLEN,
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